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INVENTORY OF AGRICULTURAL RESEARCH FY 1977



**VOLUME II
TABLE II, III AND IV**

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

INVENTORY OF AGRICULTURAL RESEARCH

Volume II (Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1977

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

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TABLE OF CONTENTS - VOLUME II

Introduction	v-vi
Table Descriptions	vii-xi
CRIS Input Forms	xii-xiii
Classification Codes and Descriptors	
Commodity or Resource	xiv-xv
Research Problem Area	xvi-xix

Page

TABLES II-B and II-D

Summary for Commodity or Resource, and Research Problem Area

National Total USDA, SAES, Forestry Schools, Other	
Cooperating Institutions	1-3
National Total USDA and SAES	4-6
National Total USDA Research Agencies	7-9
Agricultural Research Service (ARS)	10-11
Cooperative State Research Service (CSRS)	12-13
Economic Research Service (ERS)	14
Farmer Cooperative Service (FCS)	15
Forest Service (FS)	16
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	17-19
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	
Region 1 (Northeastern)	20-22
Region 2 (Southern)	23-25
Region 3 (North Central)	26-28
Region 4 (Western)	29-31
National Total State Agricultural Experiment Stations (SAES).....	32-34
Station Totals SAES (Table II-B only)	
Alabama, Alaska	35
Arizona, Arkansas	36
California	37
Colorado, Connecticut (New Haven)	38
Connecticut (Storrs), Delaware, District of Columbia.	39
Florida	40
Georgia, Guam	41
Hawaii, Idaho	42
Illinois	43
Indiana	44
Iowa	45
Kansas, Kentucky	46
Louisiana, Maryland	47
Maine, Massachusetts	48
Michigan, Minnesota	49
Mississippi, Missouri	50
Montana, Nebraska	51
Nevada, New Hampshire	52
New Jersey, New Mexico	53

TABLE OF CONTENTS - VOLUME II (Cont'd)

	<u>Page</u>
New York (Ithaca, Geneva)	54
North Carolina, North Dakota	55
Ohio, Oklahoma	56
Oregon, Pennsylvania	57
Puerto Rico, Rhode Island	58
South Carolina, South Dakota	59
Tennessee	60
Texas, Utah	61
Vermont, Virgin Islands	62
Virginia, Washington	63
West Virginia, Wisconsin	64
Wyoming	65
Forestry Schools - Total	66
Forestry Schools (Table II-B only)	
Fairbanks, Flagstaff, Arcata, Carbondale	67
Ft. Collins, Moscow, Ruston, Ann Arbor	68
Houghton, Missoula, Syracuse, Corvallis	69
Clemson, Nacogdoches, Burlington, Seattle	70
Other Cooperating Institutions - Total	71-72
Other Cooperating Institutions (Table II-B only)	
Tuskegee, Normal, Pine Bluff, Boulder, Dover	73
Tallahassee, Fort Valley, Frankfort, Baton Rouge	74
Princess Ann, Lorman, Jefferson City, Greensboro	75
Yonkers, NY, Langston, Kennett Square, Orangeburg	76
Nashville, Prairie View, Petersburg, Provo	77

TABLE II-F

Summary Data for Fiscal Year for USDA Agencies and State Agricultural Experiment Stations

National Total USDA Research Agencies	78
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	79
Region 2 (Southern)	79
Region 3 (North Central)	80
Region 4 (Western)	80

TABLES III-B and III-D

Data on Funds by Method of Expenditure and Source for Fiscal Year for Commodity or Resource and Research Problem Areas for USDA Research Agencies

National Total USDA Research Agencies	81-83
Agricultural Research Service (ARS)	84-85
Cooperative State Research Service (CSRS)	86-87
Economic Research Service (ERS)	88
Farmer Cooperative Service (FCS)	89
Forest Service (FS)	90

TABLE OF CONTENTS - VOLUME II (Cont'd)

Page

TABLE III-E

Summary Data by Method of Expenditure and Source for
Fiscal Year for USDA Agencies

National Total USDA Research Agencies	91
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TABLES IV-B and IV-D

Data on Funds by Source for Fiscal Year for Commodity or
Resource and Research Problem Areas for State Agricultural
Experiment Stations, Forestry Schools and Other Cooperating
Institutions

National Total SAES, Forestry Schools, Other Cooperating Institutions	92-94
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	95-97
Region 2 (Southern)	98-100
Region 3 (North Central)	101-103
Region 4 (Western)	104-106
National Total State Agricultural Experiment Stations (SAES)	107-109
National Total Forestry Schools	110-111
National Total Other Cooperating Institutions	112-113

TABLE IV-E

Summary Data by Source for Fiscal Year for State Agricultural
Experiment Stations, Forestry Schools, and Other Cooperating
Institutions

Regional Total Saes, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	114
Region 2 (Southern)	114
Region 3 (North Central)	115
Region 4 (Western)	115

I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Same inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CSRS "Special Grants" but not grants from other CSRS-administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest \$1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alaska, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other Cooperating Institutions in: Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA. This includes funds received under CSRS Special Grant (Field 219 of Form AD-419).

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

U. S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS					DATE (Day, Month, Year)		AMENDMENT	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		4. STATUS New <input type="checkbox"/> Extended <input type="checkbox"/> Revised <input type="checkbox"/> Terminated <input type="checkbox"/> Pending <input type="checkbox"/>		
7. TITLE								
8. PERFORMING ORGANIZATION					13. RESPONSIBLE ORGANIZATION			
CITY		STATE/COUNTRY		ZIP CODE	CITY		14. STATE	ZIP CODE
12. INVESTIGATOR NAME(S) (Last name & initials)					15. RESPONSIBLE INDIVIDUAL (Last name & initials)			
1		4		5		16. RESEARCH LOCATION ON CAMPUS A <input type="checkbox"/> Yes B <input type="checkbox"/> No		
2		5		6				
PROJECT TYPE				CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS				
17-1. FOR USDA USE		17-2. FOR STATE USE		18-3. CONTR. OF EQUIP.		18-4. CONTR./GR./AGMT. NO.		19-1. FACE AMOUNT
A <input type="checkbox"/> Contract B <input type="checkbox"/> Grant		C <input type="checkbox"/> Contr./Gr./Agmt. with SAES Other Hatch M-S State		None Reverts to donor Gov't. owned		18-5. FOR STATE USE ARS ERS FCS FS SRS		19-2. TOTAL SVS. 20. FY
C <input type="checkbox"/> Coop. Agmt. D <input type="checkbox"/> In-house		A <input type="checkbox"/> B <input type="checkbox"/> H <input type="checkbox"/> M <input type="checkbox"/> S		A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/>				
21. FACILITIES A <input type="checkbox"/> Federally owned B <input type="checkbox"/> Federally leased C <input type="checkbox"/> Combined D <input type="checkbox"/> State E <input type="checkbox"/> Other					22. 23. REGIONAL PROJECT NO.			
24. OBJECTIVES 25. APPROACH (If no space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)								
27. KEYWORDS								
RECOMMENDED			APPROVED			CONCURRED		
SIGNATURE			SIGNATURE			SIGNATURE		
TITLE			TITLE			TITLE		
DATE			DATE			DATE		
28. AWARD DATE (Day, Mo, Yr)			29. START DATE (Day, Mo, Yr)			30. TERMINATION (Day, Mo, Yr)		
FOR USDA USE			SIGNATURE			DATE		
<input type="checkbox"/> Project referred and cleared by all interested agencies for entry into CRIS.								

FORM AD-416 (12/76)

U. S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS						DATE (Day, Month, Year)	
1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		31. HATCH MARKETING <input type="checkbox"/> Yes <input type="checkbox"/> No %	
32. BASIC RESEARCH		33. APPLIED RESEARCH		34. DEVELOPMENT EFFORT		35. FORESTRY	
CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA							
ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	
CODE (1)	(2)	CODE (3)	(4)	CODE (5)	(6)	CODE (7)	PRODUCT OF (2) X (4) X (6)
36.							
37.							
38.							
39.							
40.							
41.							
42.							
43.							
44.							
45.							
46.							
47.							
SPECIAL CLASSIFICATION							
Fields 48-77 are used to identify special areas of research such as, Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (ARS) and Special Research Programs (ARS). Refer to your agency manual for specific codes and instructions.							
CODE		CODE	%	CODE	%	CODE	%
48.	54.			60.		66.	
49.	55.			61.		67.	
50.	56.			62.		68.	
51.	57.			63.		69.	
52.	58.			64.		70.	
53.	59.			65.		71.	
78. COOPERATORS A <input type="checkbox"/> USDA B <input type="checkbox"/> Other Federal Agencies C <input type="checkbox"/> Industry and other D <input type="checkbox"/> State				COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION (List)			
83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION				80.			
				81.			
				82.			

AD FORM 417
DEC 1976

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER				DATE (Day, mo., yr.)
U.S. DEPARTMENT OF AGRICULTURE USE ONLY				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	
7. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION				
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS			FIELD NUMBER	
Regular, In House			(101) . .	
Regular, Contracts, Grants, Agreements with AES			(102) . .	
Regular, Contracts, Grants, Agreements with Others			(103) . .	
Special Funds (015) (ARS) In House			(104) . .	
Special Funds (010) (ARS) In House			(105) . .	
Forest Service Research Contracts			(106) . .	
Other USDA (Identify)			(107) . .	
TOTAL			(131)	
OTHER FEDERAL RESEARCH FUNDS				
Energy Research and Development Administration			(310) . .	
Agency for International Development			(308) . .	
Department of Defense			(311) . .	
National Institutes of Health			(316) . .	
Public Health Service			(312) . .	
Health Education and Welfare (Other)			(313) . .	
National Aeronautics and Space Administration			(314) . .	
Tennessee Valley Authority			(315) . .	
Foreign Agricultural Research (PL 480)			(117) . .	
Other Federal Funds (Identify)			(318) . .	
TOTAL			(332)	
NON-FEDERAL RESEARCH FUNDS				
Trust Funds, In House			(120) . .	
Trust Funds, Contracts, Grants, Agreements with AES			(121) . .	
Trust Funds, Contracts, Grants, Agreements with Others			(122) . .	
Other Non-Federal Funds (Identify)			(123) . .	
TOTAL			(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION			(134)	
STAFF SUPPORT			STAFF EFFORT (years)	
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			ACTUAL	ESTIMATE
Scientists (GS-11 and above)			(141) . .	
Professional Support			(142) . .	
Technical Support			(143) . .	
Clerical, Labor and Other			(144) . .	
TOTAL STAFF YEARS			(350)	
SUBMITTED BY		TITLE		

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER				DATE (Day, Mo., Year)
FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	
7. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION				
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED			FIELD NUMBER	FY ACTUAL \$
Hatch Funds			(201) . .	
Regional Research Funds			(202) . .	
McIntire Stennis Funds			(203) . .	
Special Grants for Research (PL 89-106)			(204) . .	
Other Funds (Identify)			(205) . .	
TOTAL			(231)	
OTHER FEDERAL RESEARCH FUNDS				
USDA Contracts Grants Co-op Agreements (Identify Agency)			(219) . .	
National Science Foundation			(209) . .	
Energy Research and Development Administration			(310) . .	
Agency for International Development			(308) . .	
Department of Defense			(311) . .	
National Institutes of Health			(316) . .	
Public Health Service			(312) . .	
Health, Education and Welfare			(313) . .	
National Aeronautics and Space Administration			(314) . .	
Tennessee Valley Authority			(315) . .	
Other (Identify)			(318) . .	
TOTAL			(332)	
NON-FEDERAL RESEARCH FUNDS				
State Appropriations			(220) . .	
Sale of Products			(221) . .	
Industry Grants and Agreements			(222) . .	
Other Non-Federal Funds			(223) . .	
TOTAL			(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION			(234)	
STAFF SUPPORT			STAFF EFFORT (years)	
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			ACTUAL	ESTIMATED
Scientists (Asst. Prof. and above)			(241) . .	
Professional Support			(242) . .	
Technical Support			(243) . .	
Clerical, Labor and Other			(244) . .	
TOTAL STAFF YEARS			(350)	
SUBMITTED BY (Signature)		TITLE		

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not
Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible tree nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects
3600	General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700	Clothing and textiles
3800	Food (not readily associated with specific plants and animal products)
3900	Structures and facilities

Commodities or Resources

4000	People as individual workers, consumers and members of society
4100	The family and its members
4200	The farm as a business enterprise
4300	Communities, areas and regions, including counties and States and their institutions
4400	Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500	Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600	Farmer cooperatives
4700	Marketing, processing and supply firms other than cooperatives
4800	Marketing systems and sectors thereof
6100	Weeds
6200	Seed research
6300	Biological cell systems
6400	Experimental design and statistical methods
6500	Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
6600	Microorganisms, viruses, etc.
6700	Plants
6800	Animals (vertebrates)
6900	Research on research management (not research management <u>per se</u>)
7000	Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water
- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and
Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources
- 111 Biology, Culture and Management of Forests and Timber-
Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting
Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit
and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable
Crops
- 206 Control of Weeds and Other Hazards to Fruit and Vegetable
Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting
Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Live-
stock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and
Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic
Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects
of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable
Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other
Animals

- 311 Improvement of Biological Efficiency in Production of
Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry
and Other Animals
- 313 Production Management Systems for Livestock, Poultry and
Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose
Farm Supplies and Equipment

- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of
Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved
Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and
Vegetables
- 405 Production of Field Crops with Improved Acceptability
- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products
from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food
Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and
Related Products
- 503 Efficiency in Marketing Agricultural Products and Production
Inputs *
- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

* This RPA incorporates research formerly included under RPAs
503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND
WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes
- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF
BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY,
AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban Environment
- 906 Culture and Protection of Ornamentals and Turf
- 907 Improved Income Opportunities in Rural Communities
- 908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1378	541.8	19,773,167	47,329,238	*	*
0200 WATER	930	353.0	15,199,319	32,313,914	*	*
0300 WATERSHEDS RIVER BAS	251	206.4	16,919,423	22,421,203	*	*
0400 AIR AND CLIMATE	162	63.7	2,096,776	6,761,136	*	*
0500 RECREATION RESOURCES	214	74.6	4,558,616	6,819,799	*	*
0600 TIMBER FORST PRODUCT	1527	1191.4	74,581,036	105,554,573	*	*
0700 RANGE	345	143.7	8,055,736	13,883,282	*	*
0800 WILDLIFE AND FISH	689	246.7	6,775,965	21,978,740	*	*
0900 CITRUS SUB TROP FRUIT	374	213.8	9,272,090	19,123,742	*	*
1000 FRUIT NUTS DECIDUOUS	1177	499.3	16,551,620	40,751,502	*	*
1100 POTATOES	366	140.9	5,536,277	11,144,241	*	*
1200 VEGETABLES	1515	579.8	17,622,026	44,395,002	*	*
1300 ORNAMENTALS TURF	640	244.7	6,797,115	19,860,307	*	*
1400 CORN	972	301.8	12,368,754	24,852,484	*	*
1500 GRAIN SORGHUM	401	82.6	2,722,434	6,515,677	*	*
1600 RICE	174	66.6	2,352,026	5,246,554	*	*
1700 WHEAT	781	268.1	11,793,200	21,291,878	*	*
1800 OTHER SMALL GRAINS	504	121.4	5,099,901	10,505,881	*	*
1900 PASTURE	195	48.5	1,385,380	4,489,458	*	*
2000 FORAGE CROPS	1003	340.5	12,113,399	28,532,200	*	*
2100 COTTON	605	403.4	24,726,113	35,846,601	*	*
2200 COTTONSEED	53	33.6	2,336,554	2,541,639	*	*
2300 SOYBEANS	950	324.2	13,912,219	26,955,617	*	*
2400 PEANUTS	228	90.0	3,770,372	7,285,108	*	*
2500 OTHER OILSEED CROPS	119	35.1	1,769,657	3,027,574	*	*
2600 TOBACCO	228	113.7	5,821,510	10,555,445	*	*
2700 SUGAR CROPS	245	110.1	6,143,604	9,827,157	*	*
2800 MISC NEW CROPS	155	66.1	2,984,675	5,598,719	*	*
2900 POULTRY	889	352.2	16,815,077	35,905,311	*	*
3000 BEEF CATTLE	1443	588.5	32,117,219	77,981,909	*	*
3100 DAIRY CATTLE	1242	462.6	24,678,221	53,638,835	*	*
3200 SWINE	700	237.8	15,016,669	31,784,647	*	*
3300 SHEEP AND WOOL	455	135.4	9,435,818	16,038,414	*	*
3400 OTHER ANIMALS	424	123.7	3,633,897	11,163,590	*	*
3500 BEES AND HONEY	72	49.9	2,778,936	3,597,060	*	*
3600 FARM SUPP & FACILITS	120	57.0	2,162,393	3,766,117	*	*
3700 CLOTHING & TEXTILES	71	22.8	575,051	1,137,689	*	*
3800 FOOD	593	339.9	16,111,734	28,593,898	*	*
3900 HOUSING & EQUIP	263	93.7	3,303,310	8,956,956	*	*
4000 PEOPLE AS INDIVIDUAL	810	266.7	12,628,469	22,610,435	*	*
4100 FAMILY MEMBERS	244	63.2	3,626,002	4,374,557	*	*
4200 FARM AS BUSINESS	186	80.4	3,213,604	5,345,114	*	*
4300 SOC POLIT ORGANIZ	492	160.4	5,388,768	10,282,874	*	*
4400 AGRIC ECONOMY U S	116	67.3	4,174,396	5,905,939	*	*
4500 AGRIC ECONOMY FORGN	49	91.6	3,968,378	4,936,400	*	*
4600 FARM COOPERATIVES	81	28.6	1,170,264	1,545,902	*	*
4700 OTH MARKET PROCESS	49	11.7	384,087	860,285	*	*
4800 MARKETING SYSTEMS	113	48.3	2,239,289	3,051,213	*	*
6100 WEEDS	85	26.0	1,608,151	2,160,971	*	*
6200 SEED RESEARCH	37	15.2	625,369	1,473,359	*	*
6300 BIO CELL SYSTEMS	222	87.8	1,174,640	7,807,537	*	*
6400 EXP DESIGN/STAT METH	64	30.3	541,881	2,297,974	*	*
6500 INVERTEBRATES	309	222.0	10,279,971	18,331,720	*	*
6600 MICROORGANISMS, VIRUS	261	96.1	2,103,837	8,759,823	*	*
6700 PLANTS	805	377.3	18,553,527	32,996,451	*	*
6800 ANIMALS (VERTEBRATES)	346	130.1	2,800,471	12,788,477	*	*
6900 RESEARCH ON RSCH MGM	27	10.8	197,266	747,865	*	*
7000 RSCH EQUIP & TECHNOL	115	33.5	923,724	3,204,688	*	*
9900 UNCLASSIFIED	48	128.9	1,107,117	14,281,112	*	*
TOTAL	26914	11345.3	516,376,499	1,031,711,737	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	206	75.7	1,166,533	6,100,731	*	*
102 SOIL PLNT WTR NUTRI	620	236.5	9,101,969	20,953,038	*	*
103 MGMT OF SALINE SOIL	70	36.6	2,204,079	3,722,386	*	*
104 ALTERN USE OF LAND	204	83.1	2,151,219	5,682,704	*	*
105 CONSERV USE OF WATE	301	114.7	5,222,633	10,675,772	*	*
106 DRAIN AND IRRIGATIO	138	64.8	3,414,435	5,915,171	*	*
107 WATERSHED PROT & MG	287	245.2	18,982,646	27,467,000	*	*
108 ECON LEG PROB OF WA	47	19.4	524,118	1,276,131	*	*
109 WEATHER ADAPT & MOD	117	39.2	907,412	4,686,158	*	*
110 APPRAIS FORST & RAN	126	83.2	7,744,617	9,210,370	*	*
111 BIOL CULT MGMT FORS	475	299.9	16,950,464	25,556,408	*	*
112 IMPROV RANGE RESOR	228	91.0	4,849,474	9,244,422	*	*
113 REMOTE SENSING	59	18.0	804,741	1,853,496	*	*
114 RSCH ON MGMT OF ESC	27	10.8	197,266	747,865	*	*
SUBTOTAL	2905	1418.1	74,221,604	133,091,651	*	*
SERIES 200						
201 CNTRL FORST INSECTS	264	178.0	13,193,037	17,916,132	*	*
202 CONTROL FOREST DIS	162	97.1	5,872,306	7,961,184	*	*
203 FOREST FIRE PROTECT	40	72.6	6,804,659	7,361,345	*	*
204 CNTR PESTS FRT & VE	452	196.1	8,534,244	17,294,173	*	*
205 CNTR DISE FRT & VEG	770	268.8	7,859,105	21,084,145	*	*
206 CNTR WEEDS FRT & VE	194	56.2	1,774,618	4,396,820	*	*
207 CNTR PESTS FLD CROP	688	316.9	17,291,304	28,799,965	*	*
208 CNTR DIS FIELD CROP	881	346.3	14,818,186	27,255,832	*	*
209 CNTR WEEDS FLD CROP	374	138.0	5,820,414	12,241,049	*	*
210 CNTR PESTS ANIMALS	116	62.9	4,001,753	5,784,654	*	*
211 CNTR DIS ANIMALS	625	380.0	27,787,459	46,610,601	*	*
212 CNTR INTER PARASITE	121	67.3	5,053,457	7,679,615	*	*
213 PROT ANMLS FROM TOX	121	43.4	4,289,847	6,068,675	*	*
214 PROTECT FROM POLLUT	253	73.3	3,308,339	7,856,282	*	*
SUBTOTAL	5061	2302.8	126,408,728	218,306,472	*	*
SERIES 300						
301 GENET BREED FORST T	144	72.5	4,343,735	6,655,313	*	*
302 IMP FOREST ENG SYS	33	25.8	2,014,288	2,956,106	*	*
303 ECON TIMBER PRODUCT	55	29.1	955,961	1,957,993	*	*
304 IMP BIO EFF FRT & V	1107	424.0	9,630,008	35,833,237	*	*
305 MECH PROD FRT & VEG	186	61.2	1,648,543	4,543,909	*	*
306 PROD MGMT SYS F & V	86	22.0	336,426	1,694,113	*	*
307 IMP BIO EFF FLD CRP	1893	818.5	24,905,011	76,267,179	*	*
308 MECH PROD FIELD CRO	164	69.4	3,957,178	6,580,848	*	*
309 PROD MGMT SYS FLD C	204	52.3	1,274,626	4,796,797	*	*
310 ANIMAL REPRODUCTION	483	200.5	9,698,783	27,079,032	*	*
311 IMP BIO EFF ANML PR	1363	520.2	19,707,934	76,367,239	*	*
312 ENV STRESS IN ANML	190	76.7	2,191,641	8,701,153	*	*
313 PROD MGMT SYS ANML	288	67.2	2,139,032	10,045,385	*	*
314 BEES OTH POLLNTNG I	72	49.9	2,778,936	3,597,060	*	*
315 IMP STRUC FARM SUPP	137	46.1	1,104,628	5,253,039	*	*
316 FARM BUSINESS MGMT	139	49.4	1,118,056	2,808,506	*	*
317 MECH/STRUCTS ANML P	84	15.4	512,565	1,910,154	*	*
318 NON-COM BIO TECH/BI	1178	620.4	21,070,772	53,780,425	*	*
SUBTOTAL	7806	3220.5	109,388,129	330,829,487	*	*
SERIES 400						
401 NEW IMP FOREST PROD	213	214.0	11,604,502	16,933,393	*	*
402 PROD F & V IMP ACCE	276	57.3	1,729,116	4,971,006	*	*
403 NEW & IMP FEV PROD	244	149.0	6,651,613	11,175,114	*	*
404 MKT QUAL FETS & VEG	279	115.3	5,580,113	9,179,985	*	*
405 PROD FLD CROP IMP A	372	142.3	7,270,165	11,647,069	*	*
406 NEW IMP FOOD FLD CR	193	147.4	8,329,793	10,859,199	*	*
407 NEW IMP NON-FOOD FC	103	114.2	7,218,745	8,164,284	*	*
408 MKT QUAL FIELD CROP	149	73.8	4,312,258	5,623,726	*	*
409 PROD ANML PR IMP AC	188	52.7	2,947,531	6,510,000	*	*
410 IMP MEAT MILK EGG P	307	133.4	5,459,002	10,706,379	*	*
411 IMP NON-FOOD ANML P	39	43.9	2,855,251	3,208,439	*	*
412 MKT QUAL ANIMAL PRO	141	41.8	1,836,110	3,681,649	*	*
SUBTOTAL	2504	1285.1	65,796,196	102,660,245	*	*
SERIES 500						
501 IMP GRADES & STANDS	97	45.0	3,093,686	4,230,424	*	*
502 MKTG TIMBER PRODUCT	39	41.9	2,471,018	2,791,382	*	*
503 MKTG EFF AGRI PRODS	315	116.5	5,940,115	7,933,989	*	*
506 SPLY DEMAND AND PRI	209	130.0	6,500,838	7,886,333	*	*
507 COME REL IN AGRIC	66	20.6	797,250	1,035,489	*	*
508 DOMESTIC MKT DEVELP	66	22.4	1,006,448	1,312,333	*	*
509 PERFORMANCE MKTG SY	202	113.3	5,337,020	6,665,945	*	*
510 GROUP ACT MKT POWER	69	26.7	1,108,120	1,405,424	*	*
511 IMP AGRIC STATISTIC	31	11.9	400,692	986,643	*	*
512 IMP GRADES FRST PRO	20	13.6	678,049	874,151	*	*
513 PRICE ANAL FRST PRO	20	13.5	718,342	923,537	*	*
SUBTOTAL	1134	557.3	28,051,579	36,045,650	*	*
SERIES 600						
601 FCN MKT DEVELP	79	93.9	4,292,051	4,887,684	*	*
602 EVAL FCN FOOD AID P	3	0.3	9,977	22,251	*	*
603 TECH AID DEV CRTY	61	29.6	605,903	1,730,844	*	*
604 PRD DVLPT/MKTG FRG	27	27.7	1,850,173	2,009,764	*	*
SUBTOTAL	170	151.6	6,758,103	8,650,543	*	*
SERIES 700						
701 TOX RES IN FOOD	224	102.2	7,634,396	8,994,496	*	*
702 FOOD PROT FROM TOX	251	147.5	7,557,307	11,363,865	*	*
703 FOOD CONSUMP HABITS	214	112.4	5,778,895	9,630,767	*	*
704 HOME COMM FOOD SERV	58	17.9	415,111	1,259,364	*	*
705 SEL CARE CLOTH & TE	65	21.8	544,502	1,064,590	*	*
706 CNTR INSECTS AFF M	136	71.3	3,660,326	6,781,747	*	*
707 TRANS ANML HAN DI	32	8.1	114,266	745,755	*	*
708 HUMAN NUTRITION	469	217.0	12,513,775	19,716,663	*	*
709 REDUCE HAZ HLTH & S	115	90.0	6,677,880	6,567,490	*	*
SUBTOTAL	1564	788.3	44,896,458	66,094,737	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	62	29.0	1,329,840	2,130,263	*	*
802 INDIV & FAM DEC MAK	169	35.1	1,647,380	2,386,525	*	*
803 RURAL POVERTY	44	9.4	551,272	596,787	*	*
804 ECON POTENT RURL PE	119	32.0	1,300,590	2,157,872	*	*
805 COMMUNICAT RURAL PE	139	29.6	1,067,441	2,762,300	*	*
806 ADJUSTMENT TO CHANG	185	59.0	2,410,066	4,298,096	*	*
807 AGRIC ECONOMIC CHAN	138	77.3	5,632,475	7,142,478	*	*
808 GOV'T PROGRAMS	51	32.4	1,563,762	1,939,024	*	*
SUBTOTAL	907	303.8	15,502,826	23,413,347	*	*
SERIES 900						
901 ALLEV POLLUTION	861	442.5	19,477,053	37,964,837	*	*
902 OUTDOOR RECREATION	184	63.1	2,745,026	4,786,814	*	*
903 MULTI-USE-FOREST PO	85	31.7	1,770,579	2,563,113	*	*
904 WLDLFE AND FISH ECO	590	220.2	6,191,598	19,744,004	*	*
905 TREES BEAUTIFICATIO	115	39.9	2,279,470	4,212,685	*	*
906 ORNAMENT & TURF DEV	618	236.7	6,560,498	19,020,926	*	*
907 RURAL INCOME IMP	193	57.2	1,921,228	3,550,863	*	*
908 RURAL INSTITUT IMP	317	97.5	3,300,306	6,495,301	*	*
909 UNCLASSIFIED	46	128.9	1,107,117	14,281,112	*	*
SUBTOTAL	3011	1317.7	45,352,876	112,619,655	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL	25062	11345.3	516,376,499	1,031,711,787	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1308	518.5	19,630,787	45,268,417	*	*
0200 WATER	896	336.9	15,159,715	31,223,380	*	*
0300 WATERSHEDS RIVER BAS	230	202.0	16,895,782	22,087,076	*	*
0400 AIR AND CLIMATE	159	62.0	2,072,662	6,667,211	*	*
0500 RECREATION RESOURCES	181	67.5	4,450,721	6,280,557	*	*
0600 TIMBER FORST PRODUCT	1135	1062.1	73,080,855	95,447,638	*	*
0700 RANGE	325	141.1	8,030,471	13,687,411	*	*
0800 WILDLIFE AND FISH	585	223.7	6,639,740	20,019,625	*	*
0900 CITRUS SUB TROP FRUT	372	213.7	9,272,090	19,114,363	*	*
1000 FRUIT NUTS DECIDUOUS	1170	496.9	16,551,620	40,556,290	*	*
1100 POTATOES	366	140.9	5,536,277	11,144,241	*	*
1200 VEGETABLES	1489	570.5	17,622,026	43,846,253	*	*
1300 ORNAMENTALS TURF	635	244.2	6,794,374	19,810,614	*	*
1400 CORN	971	301.6	12,368,754	24,849,192	*	*
1500 GRAIN SOBGHUM	400	82.6	2,722,434	6,513,171	*	*
1600 RICE	174	66.6	2,352,026	5,286,554	*	*
1700 WHEAT	777	267.6	11,793,200	21,261,101	*	*
1800 OTHER SMALL GRAINS	487	115.3	5,099,901	9,819,880	*	*
1900 PASTURE	194	48.4	1,385,380	4,484,992	*	*
2000 FORAGE CROPS	994	339.7	12,113,399	28,366,657	*	*
2100 COTTON	596	397.4	24,726,113	35,580,867	*	*
2200 COTTONSEED	52	33.6	2,336,554	2,540,607	*	*
2300 SOYBEANS	920	314.6	13,912,219	26,136,599	*	*
2400 PEANUTS	220	85.3	3,770,372	7,042,335	*	*
2500 OTHER OILSEED CROPS	118	35.0	1,769,657	3,019,078	*	*
2600 TOBACCO	226	113.5	5,821,510	10,522,215	*	*
2700 SUGAR CROPS	245	110.1	6,144,604	9,827,157	*	*
2800 MISC NEW CROPS	154	65.9	2,984,676	5,592,806	*	*
2900 POULTRY	871	347.2	16,815,077	35,465,896	*	*
3000 BEEF CATTLE	1419	582.4	32,117,219	77,253,660	*	*
3100 DAIRY CATTLE	1231	460.6	24,678,221	53,312,281	*	*
3200 SWINE	676	231.2	15,016,669	31,379,657	*	*
3300 SHEEP AND WOOL	451	134.3	9,435,818	15,985,506	*	*
3400 OTHER ANIMALS	413	120.4	3,633,657	10,975,297	*	*
3500 BEES AND HONEY	72	49.9	2,776,936	3,597,060	*	*
3600 FARM SUPP & FACILITS	115	53.4	2,162,393	3,482,273	*	*
3700 CLOTHING & TEXTILES	67	21.9	575,051	1,074,112	*	*
3800 FOOD	539	324.4	16,111,734	27,716,238	*	*
3900 HOUSING & EQUIP	253	89.8	3,303,310	8,749,950	*	*
4000 PEOPLE AS INDIVIDUAL	715	242.8	12,621,836	20,837,921	*	*
4100 FAMILY MEMBERS	206	55.6	3,626,002	3,766,399	*	*
4200 FARM AS BUSINESS	179	78.2	3,213,604	5,216,784	*	*
4300 SOC POLIT ORGANIZ	470	157.6	5,388,768	9,922,251	*	*
4400 AGRIC ECONOMY U S	115	67.2	4,174,396	5,888,808	*	*
4500 AGRIC ECONOMY FORGN	48	91.6	3,968,378	4,936,322	*	*
4600 FARM COOPERATIVES	76	27.7	1,170,264	1,420,743	*	*
4700 OTH MARKET PROCESS	45	11.7	384,087	860,285	*	*
4800 MARKETING SYSTEMS	111	47.5	2,239,289	2,954,861	*	*
6100 WEEDS	78	24.5	1,608,151	2,134,572	*	*
6200 SEED RESEARCH	37	15.2	625,369	1,473,359	*	*
6300 BIO CELL SYSTEMS	220	87.3	1,174,640	7,786,931	*	*
6400 EXP DESIGN/STAT METH	59	28.3	538,274	2,170,851	*	*
6500 INVERTEBRATES	307	221.0	10,279,971	18,305,788	*	*
6600 MICROORGANISMS,VIRUS	259	95.8	2,103,837	8,741,952	*	*
6700 PLANTS	793	373.0	18,552,625	32,813,302	*	*
6800 ANIMALS(VERTEBRATES)	344	129.8	2,800,471	12,764,753	*	*
6900 RESEARCH ON RSCH MGH	27	10.8	197,266	747,865	*	*
7000 RSCH EQUIP & TECHNOL	109	32.9	903,888	3,162,438	*	*
9900 UNCLASSIFIED	42	112.0	1,107,117	13,232,379	*	*
TOTAL	25730	10983.4	514,343,478	1,004,086,785	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	194	69.5	1,154,178	5,471,339	*	*
102 SOIL PLNT WTR NUTRI	588	227.5	9,033,075	20,128,511	*	*
103 MGMT OF SALINE SOIL	70	36.6	2,204,079	3,722,386	*	*
104 ALTERN USE OF LAND	193	80.8	2,084,194	5,522,160	*	*
105 CONSERV USE OF WATE	297	109.3	5,218,831	10,102,397	*	*
106 DRAIN AND IRRIGATIO	137	64.7	3,414,435	5,895,461	*	*
107 WATERSHED PROT & MG	266	233.3	18,958,314	26,068,251	*	*
108 ECON LEG PROB OF WA	46	19.4	524,118	1,275,982	*	*
109 WEATHER ADAPT & MOD	114	37.7	883,298	4,604,130	*	*
110 APPRAIS FORST & RAN	90	77.3	7,658,307	8,837,198	*	*
111 BIOL CULT MGMT FORS	315	261.4	16,306,912	22,002,373	*	*
112 IMPROV RANGE RESOR	214	89.1	4,843,471	9,098,901	*	*
113 REMOTE SENSING	47	17.0	772,772	1,791,282	*	*
114 RSCH ON MGMT OF RSC	27	10.8	197,266	747,865	*	*
SUBTOTAL	2598	1334.6	73,253,250	125,268,238	*	*
SERIES 200						
201 CNTRL FORST INSECTS	224	169.2	13,119,510	17,125,304	*	*
202 CONTROL FOREST DIS	135	92.6	5,773,174	7,523,767	*	*
203 FOREST FIRE PROTECT	35	71.9	6,804,659	7,292,940	*	*
204 CNTR PESTS FRT & VE	448	193.7	8,534,244	17,138,084	*	*
205 CNTR DISE FRT & VEG	765	267.6	7,859,105	21,026,041	*	*
206 CNTR WEEDS FRT & VE	187	54.8	1,774,618	4,335,036	*	*
207 CNTR PESTS FLD CROP	679	315.3	17,291,304	28,596,018	*	*
208 CNTR DIS FIELD CROP	870	339.9	14,818,186	26,959,742	*	*
209 CNTR WEEDS FLD CROP	372	137.1	5,820,414	12,204,807	*	*
210 CNTR PESTS ANIMALS	116	62.9	4,001,753	5,784,654	*	*
211 CNTR DIS ANIMALS	613	376.6	27,787,459	46,471,069	*	*
212 CNTR INTER PARASITE	119	67.1	5,053,457	7,666,465	*	*
213 PROT ANMLS FROM TOX	120	49.3	4,289,847	6,064,961	*	*
214 PROTECT FROM POLLUT	236	70.5	3,303,746	7,626,845	*	*
SUBTOTAL	4919	2268.5	126,231,475	215,816,732	*	*
SERIES 300						
301 GENET BREED FORST T	103	65.0	4,086,615	5,941,083	*	*
302 IMP FOREST ENG SYS	23	20.6	1,984,153	2,677,241	*	*
303 ECON TIMBER PRODUCT	34	25.8	1,924,857	1,711,661	*	*
304 IMP BIO EFF FRT & V	1084	417.9	9,630,008	35,453,365	*	*
305 HECH PROD FRT & VEG	186	61.2	1,648,548	4,545,909	*	*
306 PROD MGMT SYS F & V	85	22.0	336,426	1,686,158	*	*
307 IMP BIO EFF FLD CRP	1853	804.1	24,905,011	75,063,080	*	*
308 HECH PROD FIELD CRO	164	69.4	3,957,178	6,580,848	*	*
309 PROD MGMT SYS FLD C	204	52.3	1,274,626	4,796,797	*	*
310 ANIMAL REPRODUCTION	470	197.7	9,698,783	26,669,277	*	*
311 IMP BIO EFF ANML PR	1336	512.0	19,707,934	75,533,060	*	*
312 ENV STRESS IN ANML	187	76.4	2,191,641	8,687,177	*	*
313 PROD MGMT SYS ANML	283	65.4	2,139,032	9,844,613	*	*
314 BEES OTH POLLNTNG I	72	49.9	2,778,936	3,597,060	*	*
315 IMF STRUC FARM SUPP	132	42.5	1,104,628	4,969,195	*	*
316 FARM BUSINESS MGMT	137	48.2	1,118,056	2,744,067	*	*
317 HECH/STRUCTS ANML P	84	15.4	512,565	1,910,154	*	*
318 NON-COM BIO TECH/BI	1158	614.9	21,066,264	53,544,467	*	*
SUBTOTAL	7595	3160.6	109,065,263	325,955,212	*	*
SERIES 400						
401 NEW IMP FOREST PROD	144	179.2	11,444,938	15,188,110	*	*
402 PROD F & V IMP ACCE	272	57.2	1,729,116	4,956,638	*	*
403 NEW & IMP F&V PROD	242	148.8	6,651,610	11,162,297	*	*
404 HKT QUAL FRTS & VEG	279	115.3	5,580,113	9,179,985	*	*
405 PROD FLD CROP IMP A	364	139.1	7,270,165	11,400,249	*	*
406 NEW IMP FOOD FLD CR	189	146.3	8,329,793	10,727,338	*	*
407 NEW IMP NON-FOOD FC	102	113.9	7,218,745	8,150,808	*	*
408 HKT QUAL FIELD CROP	145	73.8	4,312,258	5,623,726	*	*
409 PROD ANML PR IMP AC	182	49.4	2,847,531	6,317,053	*	*
410 IMP MEAT MILK EGG P	305	132.5	5,459,002	10,644,206	*	*
411 IMP NON-FOOD ANML P	39	43.9	2,855,251	3,208,439	*	*
412 HKT QUAL ANIMAL PRO	139	41.3	1,838,110	3,642,828	*	*
SUBTOTAL	2406	1240.7	65,636,633	100,201,679	*	*
SERIES 500						
501 IMP GRADES & STANDS	97	45.0	3,093,686	4,230,424	*	*
502 MKTG TIMBER PRODUCT	34	40.5	2,446,817	2,704,790	*	*
503 MKTG EFF AGRI PRODS	312	117.7	5,940,115	7,829,547	*	*
506 SPLY DEMAND AND PRI	208	130.0	6,500,838	7,875,727	*	*
507 COMP REL IN AGRIC	66	20.6	797,250	1,035,489	*	*
508 DOMESTIC MKT DEVELP	66	22.4	1,006,448	1,312,333	*	*
509 PERFORMANCE MKTG SY	201	113.3	5,337,020	6,658,945	*	*
510 GROUP ACT MKT POWER	64	25.8	1,108,120	1,276,265	*	*
511 IMP AGRIC STATISTIC	31	11.9	400,692	986,643	*	*
512 IMP GRADES FRST PRO	13	12.4	673,521	806,346	*	*
513 PRICE ANAL FRST PRO	16	11.2	676,910	791,513	*	*
SUBTOTAL	1108	550.5	27,981,418	35,508,020	*	*
SERIES 600						
601 FGN MKT DEVELP	79	93.9	4,292,051	4,887,684	*	*
602 EVAL FGN FOOD AID P	3	0.3	9,977	22,251	*	*
603 TECH AID DEV CRTY	56	29.1	597,730	1,685,881	*	*
604 PRD DVLPMT/MKTG PRG	27	27.7	1,850,173	2,009,764	*	*
SUBTOTAL	165	151.1	6,749,930	8,605,580	*	*
SERIES 700						
701 TOX RES IN FOOD	220	101.0	7,634,396	8,943,264	*	*
702 FOOD PROT FROM TOX	248	146.6	7,557,307	11,285,233	*	*
703 FOOD CONSUMP HABITS	173	98.8	5,778,895	8,829,336	*	*
704 HOME COMM FOOD SERV	54	17.4	415,111	1,234,844	*	*
705 SEL CARE CLOTH & TE	61	20.9	544,502	1,001,013	*	*
706 CONTR INSECTS AFF M	135	71.3	3,660,326	6,778,805	*	*
707 TRANS ANML MAN DI	31	7.8	114,266	720,817	*	*
708 HUMAN NUTRITION	408	196.1	12,513,775	18,554,243	*	*
709 REDUCE HAZ HLTH & S	110	88.1	6,677,880	6,500,889	*	*
SUBTOTAL	1440	748.1	44,896,458	63,848,444	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	59	27.8	1,329,840	2,040,244	*	*
802 INDIV & FAM DEC MAK	151	31.6	1,647,380	2,205,556	*	*
803 RURAL POVERTY	35	7.5	551,272	425,714	*	*
804 ECON POTENT RURL PE	97	29.3	1,300,590	1,850,839	*	*
805 COMMUNICAT RURL PE	123	27.1	1,060,808	2,472,097	*	*
806 ADJUSTMENT TO CHANG	170	56.9	2,410,066	4,006,532	*	*
807 AGRIC ECONOMIC CHAN	132	76.2	5,632,475	7,061,456	*	*
808 GOV'T PROGRAMS	51	32.4	1,563,762	1,939,024	*	*
SUBTOTAL	818	288.8	15,496,193	22,001,462	*	*
SERIES 900						
901 ALLEV POLLUTION	817	421.7	19,446,627	36,755,741	*	*
902 OUTDOOR RECREATION	153	56.0	2,637,131	4,246,252	*	*
903 MULTI-USE-FOREST PO	71	30.1	1,711,157	2,445,398	*	*
904 WLDLFE AND FISH ECO	493	198.1	6,072,066	17,795,570	*	*
905 TREES BEAUTIFICATIO	109	36.3	2,276,729	3,849,642	*	*
906 ORNAMENT & TURF DEV	616	236.4	6,560,498	19,018,717	*	*
907 RURAL INCOME IMP	178	54.3	1,921,228	3,241,996	*	*
908 RURAL INSTITUT IMP	308	95.8	3,300,306	6,295,724	*	*
909 UNCLASSIFIED	42	112.0	1,107,117	13,232,379	*	*
SUBTOTAL	2787	1240.6	45,032,859	106,881,418	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	23836	10983.4	514,343,478	1,004,086,785	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	223	166.1	14,589,844	16,018,492	1.9	1,278,868
0200 WATER	214	152.9	12,849,153	15,187,893	2.1	158,193
0300 WATERSHEDS RIVER BAS	108	169.8	16,446,408	19,347,236	2.5	117,030
0400 AIR AND CLIMATE	24	15.6	1,539,629	1,640,509	0.2	18,253
0500 RECREATION RESOURCES	18	24.7	3,567,024	3,713,369	0.0	235,600
0600 TIMBER FORST PRODUCT	247	728.7	66,663,732	70,735,844	0.2	1,154,210
0700 RANGE	86	72.5	7,384,401	7,689,552	0.3	325,095
0800 WILDLIFE AND FISH	46	58.6	4,962,968	5,377,490	0.0	435,914
0900 CITRUS SUB TROP FRUT	92	89.0	8,382,252	8,726,884	1.4	225,930
1000 FRUIT NUTS DECIDUOUS	178	139.5	11,585,379	11,888,842	1.7	423,680
1100 POTATOES	64	55.6	4,115,675	4,221,730	2.9	274,534
1200 VEGETABLES	232	144.2	12,011,883	12,279,786	6.0	1,415,233
1300 ORNAMENTALS TURF	59	37.3	4,418,122	4,684,477	0.9	280,514
1400 CORN	205	127.7	9,418,924	9,607,683	2.5	343,436
1500 GRAIN SORGHUM	110	30.2	2,403,685	2,245,317	0.0	126,289
1600 RICE	73	28.6	2,134,784	2,205,367	0.2	27,956
1700 WHEAT	180	128.4	9,940,355	10,105,537	0.9	414,348
1800 OTHER SMALL GRAINS	113	44.8	3,953,536	4,072,748	0.1	917,990
1900 PASTURE	24	10.8	1,032,974	1,064,203	0.0	121,322
2000 FORAGE CROPS	150	101.7	8,551,654	8,760,231	3.1	466,546
2100 COTTON	216	266.8	22,663,052	23,098,574	0.8	427,011
2200 COTTONSEED	30	30.5	2,288,114	2,297,079	0.0	1,000
2300 SOYBEANS	174	118.9	10,719,532	10,877,323	4.5	1,834,407
2400 PEANUTS	80	42.2	3,303,625	3,430,845	0.5	241,805
2500 OTHER OILSEED CROPS	33	20.4	1,622,238	1,626,549	0.0	0
2600 TOBACCO	62	50.6	5,001,453	5,213,776	8.1	737,792
2700 SUGAR CROPS	67	53.3	5,267,856	5,390,704	0.3	66,760
2800 MISC NEW CROPS	43	39.4	2,655,144	3,166,311	0.5	84,202
2900 POULTRY	156	105.2	11,263,482	11,568,055	2.4	387,585
3000 BEEF CATTLE	262	199.6	23,784,901	24,131,055	3.9	1,328,412
3100 DAIRY CATTLE	210	139.5	17,269,364	17,566,739	3.8	1,290,286
3200 SWINE	155	84.5	11,699,139	12,067,598	4.2	992,707
3300 SHEEP AND WOOL	108	58.8	7,911,618	7,954,173	0.5	106,913
3400 OTHER ANIMALS	46	17.7	2,446,828	2,460,791	0.0	55,958
3500 BEES AND HONEY	29	33.9	2,567,516	2,593,753	1.8	67,968
3600 FARM SUPP & FACILITS	17	29.1	1,777,645	1,777,645	0.0	263,980
3700 CLOTHING & TEXTILES	4	5.0	258,174	258,174	1.0	33,760
3800 FOOD	93	185.4	13,051,498	16,106,589	1.0	394,262
3900 HOUSING & EQUIP	56	34.4	2,677,285	4,282,260	0.0	0
4000 PEOPLE AS INDIVIDUAL	100	74.6	9,659,470	10,018,471	3.5	2,625,145
4100 FAMILY MEMBERS	27	14.8	2,736,977	2,736,977	0.0	1,724,121
4200 FARM AS BUSINESS	8	19.6	2,006,619	2,006,619	0.0	116,971
4300 SOC POLIT ORGANIZ	34	29.3	2,219,286	2,417,286	0.0	582,986
4400 AGRIC ECONOMY U S	15	35.9	3,634,818	3,695,124	0.0	67,200
4500 AGRIC ECONOMY FORGN	24	80.7	3,882,364	3,884,964	0.0	0
4600 FARM COOPERATIVES	36	21.1	940,935	945,109	0.0	0
4700 OTH MARKET PROCESS	8	3.2	212,865	327,934	0.0	0
4800 MARKETING SYSTEMS	11	21.8	1,502,279	1,502,279	0.0	210,000
6100 WEEDS	31	14.9	1,423,028	1,459,301	0.9	262,353
6200 SEED RESEARCH	11	5.7	536,216	536,216	0.0	0
6300 BIO CELL SYSTEMS	14	5.8	488,965	488,965	0.8	35,507
6400 EXP DESIGN/STAT METH	4	2.9	374,185	374,185	0.0	224,959
6500 INVERTEBRATES	62	117.1	9,508,636	9,845,679	1.8	119,127
6600 MICROORGANISMS,VIRUS	38	14.4	1,410,213	1,469,062	0.8	86,044
6700 PLANTS	208	159.0	15,829,520	16,530,091	2.2	3,079,021
6800 ANIMALS (VERTEBRATES)	60	17.6	1,785,618	1,826,738	0.2	153,122
7000 RSCH EQUIP & TECHNOL	14	7.0	671,854	714,072	0.5	63,003
9900 UNCLASSIFIED	1	1.0	51,900	51,900	0.0	0
TOTAL	5005	4496.9	412,979,596	436,272,573	70.2	26,415,307

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	7	0.0	233,928	233,928	0.0	233,928
102 SOIL PLNT WTR NUTRI	106	80.8	7,143,509	7,846,552	1.3	327,091
103 MGMT OF SALINE SOIL	19	22.6	2,100,945	2,386,282	1.1	140,042
104 ALTERN USE OF LAND	17	23.7	1,081,600	1,218,100	0.0	20,000
105 CONSERV USE OF WATE	64	57.1	4,674,338	5,869,212	0.3	14,445
106 DRAIN AND IRRIGATIO	41	35.6	3,177,648	3,524,453	0.5	31,590
107 WATERSHED PROT & MG	129	194.3	18,401,384	21,627,897	2.5	177,902
108 ECON LEG PROB OF WA	5	5.6	405,700	412,390	0.0	0
109 WEATHER ADAPT & MOD	10	4.0	412,922	450,281	0.0	27,948
110 APPRAIS FORST & RAN	12	57.6	7,361,820	7,506,870	0.0	0
111 BIOL CULT MGMT FORS	68	183.9	14,539,338	15,537,994	0.0	107,334
112 IMPROV RANGE RESOR	57	42.0	4,423,833	4,544,315	0.1	291,252
113 REMOTE SENSING	8	5.0	637,574	672,890	0.0	26,120
SUBTOTAL	543	712.1	64,594,537	71,831,165	5.8	1,397,651
SERIES 200						
201 CNTRL FORST INSECTS	68	116.8	12,330,739	13,608,426	0.0	945,957
202 CONTROL FOREST DIS	24	58.7	5,027,982	5,192,257	0.0	50,000
203 FOREST FIRE PROTECT	20	70.3	6,798,635	7,138,150	0.0	0
204 CNTR PESTS FRT & VE	100	69.1	7,049,721	7,234,698	2.4	382,855
205 CNTR DISE FRT & VEG	118	58.9	5,487,755	5,518,336	5.2	520,013
206 CNTR WEEDS FRT & VE	29	8.0	1,114,346	1,114,346	0.6	363,719
207 CNTR PESTS FLD CROP	205	154.4	14,667,586	14,975,048	3.3	637,199
208 CNTR DIS FIELD CROP	219	136.7	11,815,705	11,877,536	3.0	690,158
209 CNTR WEEDS FLD CROP	89	51.7	4,579,840	4,626,826	1.2	367,457
210 CNTR PESTS ANIMALS	25	33.8	3,598,510	3,604,948	0.4	43,469
211 CNTR DIS ANIMALS	146	145.3	24,527,025	25,032,330	9.2	936,149
212 CNTR INTER PARASITE	27	35.5	4,518,261	4,574,797	0.2	22,816
213 PROT AKMLS FROM TOX	32	29.4	3,953,992	4,009,510	0.2	9,528
214 PROTECT FROM POLLUT	24	16.6	2,619,085	2,773,240	0.0	277,842
SUBTOTAL	1126	985.3	108,089,182	111,280,447	25.6	5,247,161
SERIES 300						
301 GENET BREED FORST T	12	35.4	3,285,530	3,377,130	0.0	0
302 IMP FOREST ENG SYS	6	14.1	1,863,900	2,174,800	0.0	0
303 ECON TIMBER PRODUCT	5	10.9	721,520	742,520	0.0	0
304 IMP BIO EFF FRT & V	106	61.3	5,865,084	6,052,110	1.5	742,225
305 MECH PROD FRT & VEG	18	14.9	1,024,359	1,043,875	0.0	0
306 PROD MGMT SYS F & V	3	0.8	68,495	99,423	0.0	0
307 IMP BIO EFF FLD CRP	312	178.0	17,664,089	18,483,986	2.4	2,832,664
308 MECH PROD FIELD CRO	49	38.8	3,486,873	3,801,733	0.0	23,333
309 PROD MGMT SYS FLD C	14	6.7	617,182	617,182	0.0	30,500
310 ANIMAL REPRODUCTION	50	35.9	5,947,570	5,961,855	2.1	614,967
311 IMP BIO EFF ANML PR	99	55.7	10,147,468	10,148,556	0.7	1,498,136
312 ENV STRESS IN ANML	18	10.6	1,167,798	1,184,572	0.0	0
313 PROD MGMT SYS ANML	16	4.3	1,165,679	1,182,466	0.1	473,782
314 BEES OTH POLLNTNG I	29	33.9	2,567,516	2,593,753	1.8	67,968
315 IMP STRUC FARM SUPP	28	8.2	763,535	1,986,435	0.0	237,780
316 FARM BUSINESS MGMT	1	0.0	76,971	76,971	0.0	76,971
317 MECH/STRUCTS ANML P	16	3.1	340,008	810,860	0.0	0
318 NON-COM BIO TECH/BI	177	207.4	17,637,738	18,582,551	3.9	625,241
SUBTOTAL	959	719.9	74,431,315	78,920,778	12.4	7,223,568
SERIES 400						
401 NEW IMP FOREST PROD	27	113.5	10,456,060	10,902,230	0.0	0
402 PROD F & V IMP ACCE	37	10.3	1,159,596	1,168,124	0.0	196,418
403 NEW & IMP F6V PROD	44	77.5	5,517,914	5,789,934	0.0	0
404 MKT QUAL FRTS & VEG	81	56.1	4,121,006	4,264,550	1.3	28,442
405 PROD FLD CROP IMP A	139	75.7	6,303,002	6,356,766	2.1	241,433
406 NEW IMP FOOD FLD CR	59	110.6	7,607,604	7,660,770	0.0	0
407 NEW IMP NON-FOOD FC	53	98.9	6,972,848	6,998,598	0.0	0
408 MKT QUAL FIELD CROP	64	51.5	3,893,061	3,978,503	0.2	33,760
409 PROD ANML PR IMP AC	16	8.9	1,524,558	1,526,527	0.0	47,800
410 IMP MEAT MILK EGG P	28	47.0	3,301,972	3,337,030	0.0	0
411 IMP NON-FOOD ANML P	18	40.0	2,800,075	2,843,989	0.0	0
412 MKT QUAL ANIMAL PRO	17	10.9	973,476	993,013	0.3	117,860
SUBTOTAL	583	701.0	54,631,172	55,818,034	3.9	665,713
SERIES 500						
501 IMP GRADES & STANDS	27	25.3	2,662,922	2,785,653	0.2	41,312
502 MKTG TIMBER PRODUCT	11	35.6	2,343,290	2,440,520	0.0	0
503 MKTG EFF AGRI PRODS	87	62.5	4,232,756	4,443,051	0.7	442,832
506 SPLY DEMAND AND PRI	44	87.2	5,046,706	5,046,706	0.7	89,750
507 COMP REL IN AGRIC	9	12.1	512,752	513,752	0.0	30,000
508 DOMESTIC MKT DEVELP	9	13.7	774,363	779,178	0.0	18,900
509 PERFORMANCE MKTG SY	46	62.9	3,786,391	3,804,228	0.0	171,600
510 GROUP ACT MKT POWER	37	21.1	955,935	960,109	0.0	15,000
511 IMP AGRIC STATISTIC	2	3.9	305,097	305,097	0.0	106,129
512 IMP GRADES FRST PRO	2	10.0	646,000	664,800	0.0	0
513 PRICE ANAL FRST PRO	3	8.6	592,540	593,240	0.0	0
SUBTOTAL	277	342.8	21,858,752	22,336,334	1.6	915,523
SERIES 600						
601 FGM MKT DEVELP	24	80.7	3,882,364	3,884,964	0.0	0
603 TECH AID DEV CPTY	18	15.6	582,992	870,985	4.9	275,323
604 PRD DVLPMT/MKTG PRG	17	26.9	1,839,746	1,942,875	0.0	0
SUBTOTAL	59	123.2	6,305,101	6,698,823	4.9	275,323
SERIES 700						
701 TOX RES IN FOOD	87	46.2	6,542,817	6,605,633	0.1	2,666,763
702 FOOD PROT FROM TOX	61	90.1	6,422,721	6,487,802	1.4	63,724
703 FOOD CONSUMP HABITS	24	67.3	5,100,693	7,400,693	0.0	692,762
704 HOME COMM FOOD SERV	3	7.3	145,367	477,784	0.0	0
705 SEL CARE CLOTH & TE	4	5.0	258,174	258,174	1.0	33,760
706 CONTR INSECTS AFF M	30	32.1	3,242,299	3,549,881	2.3	60,429
707 TRANS ANML MAN DI	4	1.4	63,500	114,918	0.0	15,010
708 HUMAN NUTRITION	93	98.4	10,791,619	11,282,803	1.4	1,700,463
709 REDUCE HAZ HLTH & S	58	83.8	6,511,281	6,543,143	6.6	862,395
SUBTOTAL	364	431.6	39,078,471	42,720,831	12.8	6,095,305

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	13	14.7	1,114,939	1,367,840	0.0	0
802 INDIV & FAM DEC MAK	12	4.8	1,037,767	1,037,767	0.0	689,403
803 RURAL POVERTY	5	0.0	373,643	373,643	0.0	373,643
804 ECON POTENT RURL PE	11	5.6	693,227	693,227	0.0	347,027
805 COMMUNICAT RURAL PE	8	0.0	750,460	750,460	0.0	750,460
806 ADJUSTMENT TO CHANG	13	15.3	1,515,574	1,515,574	0.0	231,874
807 AGRIC ECONOMIC CHAN	22	44.9	5,099,398	5,125,181	0.0	100,000
808 GOV'T PROGRAMS	16	26.1	1,388,693	1,433,999	0.2	13,700
SUBTOTAL	100	111.4	11,973,701	12,297,691	0.2	2,506,107
SERIES 900						
901 ALLEV POLLUTION	157	197.3	15,738,207	16,893,216	2.0	787,964
902 OUTDOOR RECREATION	12	16.2	1,813,789	1,892,489	0.0	235,600
903 MULTI-USE-FOREST PO	9	18.5	1,487,560	1,630,970	0.0	0
904 WLDLFE AND FISH ECO	41	57.0	4,651,921	5,043,666	0.0	311,335
905 TREES BEAUTIFICATIO	18	13.5	1,976,918	2,095,438	0.2	181,320
906 ORNAMENT & TURF DEV	55	36.6	4,228,546	4,494,268	0.9	140,514
907 RURAL INCOME IMP	13	10.7	876,880	876,880	0.0	173,480
908 RURAL INSTITUT IMP	24	18.6	1,191,644	1,389,644	0.0	258,744
990 UNCLASSIFIED	1	1.0	51,900	51,900	0.0	0
SUBTOTAL	330	369.5	32,017,365	34,368,470	3.0	2,088,957
SCIENCE IN SERV OF MAN						
GRAND TOTAL	4341	4496.9	412,979,596	436,272,573	70.2	26,415,307

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S&RS AMOUNT 1977
0100 SOIL AND LAND	167	133.0	11,302,643	12,517,011	1.9	125,687
0200 WATER	176	133.2	11,251,480	13,332,876	2.1	95,743
0300 WATERSHEDS RIVER BAS	67	72.8	7,318,612	8,682,707	2.5	43,568
0400 AIR AND CLIMATE	17	8.7	718,909	728,539	0.2	18,253
0600 TIMBER FORST PRODUCT	21	16.6	1,913,627	2,476,938	0.2	11,320
0700 RANGE	64	49.8	4,689,040	4,841,901	0.3	58,985
0800 WILDLIFE AND FISH	8	2.1	225,380	244,107	0.0	0
0900 CITRUS SUB TROP FRUT	78	84.1	8,014,021	8,358,653	1.4	126,202
1000 FRUIT NUTS DECIDUOUS	160	134.2	10,977,624	11,281,086	1.7	101,115
1100 POTATOES	51	53.5	3,866,010	3,972,065	2.9	135,367
1200 VEGETABLES	198	136.0	10,488,498	10,753,401	6.0	317,003
1300 ORNAMENTALS TURF	54	37.3	4,200,601	4,466,955	0.9	65,014
1400 CORN	166	120.3	8,810,040	8,996,981	2.5	108,786
1500 GRAIN SORGHUM	85	27.0	1,815,638	1,956,180	0.0	0
1600 RICE	49	25.4	1,967,576	2,037,089	0.2	22,506
1700 WHEAT	147	121.5	9,270,176	9,433,541	0.9	91,725
1800 OTHER SMALL GRAINS	85	39.7	2,936,686	3,054,542	0.1	9,562
1900 PASTURE	23	10.8	913,002	944,231	0.0	1,350
2000 FORAGE CROPS	130	99.6	8,185,153	8,393,630	3.1	207,297
2100 COTTON	154	250.6	21,550,668	21,786,590	0.8	67,277
2200 COTTONSEED	36	28.6	2,164,893	2,173,858	0.0	0
2300 SOYBEANS	140	111.3	8,676,175	8,833,966	4.5	202,569
2400 PEANUTS	69	41.0	3,018,483	3,145,704	0.5	23,080
2500 OTHER OILSEED CROPS	32	20.1	1,607,778	1,609,089	0.0	0
2600 TOBACCO	62	58.6	5,001,453	5,213,776	8.1	737,792
2700 SUGAR CROPS	66	53.3	5,270,356	5,373,204	0.3	49,260
2800 MISC NEW CROPS	41	39.4	2,595,421	3,106,588	0.5	24,479
2900 POULTRY	132	97.3	10,622,660	10,920,033	2.1	162,793
3000 BEEF CATTLE	229	186.5	21,992,377	22,310,462	3.6	218,864
3100 DAIRY CATTLE	186	125.7	15,464,232	15,740,007	3.6	241,035
3200 SWINE	127	75.5	10,602,971	10,945,516	3.9	336,866
3300 SHEEP AND WOOL	99	57.1	7,737,092	7,779,647	0.4	16,199
3400 OTHER ANIMALS	42	17.7	2,397,714	2,411,677	0.0	6,844
3500 BEES AND HONEY	29	33.9	2,567,516	2,593,753	1.8	67,968
3600 FARM SUPP & FACILITS	5	3.9	290,905	290,905	0.0	0
3700 CLOTHING & TEXTILES	4	5.0	258,174	258,174	1.0	33,760
3800 FOOD	62	133.4	9,697,483	12,747,759	1.0	11,408
3900 HOUSING & EQUIP	47	20.5	1,537,345	3,083,460	0.0	0
4000 PEOPLE AS INDIVIDUAL	66	59.3	5,898,169	6,257,170	3.5	147,544
4100 FAMILY MEMBERS	5	5.3	438,256	438,256	0.0	0
4700 OTH MARKET PROCESS	7	2.0	102,322	217,391	0.0	0
4800 MARKETING SYSTEMS	2	0.9	46,837	46,837	0.0	0
6100 WEEDS	29	14.9	1,191,257	1,227,530	0.9	30,582
6200 SEED RESEARCH	11	5.7	536,216	536,216	0.0	0
6300 BIO CELL SYSTEMS	14	5.8	488,965	488,965	0.8	35,507
6500 INVERTEBRATES	60	117.1	9,434,056	9,771,099	1.8	44,547
6600 MICROORGANISMS,VIRUS	36	14.4	1,363,448	1,422,297	0.8	39,279
6700 PLANTS	139	154.9	12,830,519	13,531,093	2.2	236,352
6800 ANIMALS (VERTEBRATES)	25	15.1	1,550,439	1,591,559	0.2	9,528
7000 RSCH EQUIP & TECHNOL	11	6.0	589,212	631,430	0.5	30,103
TOTAL	3753	3066.0	276,385,111	292,956,442	69.0	4,333,121

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	WITH SACS AMOUNT 1977
SERIES 100						
102 SOIL PLNT WTR NUTRI	95	78.8	6,732,516	7,434,559	1.3	93,418
103 MGMT OF SALINE SOIL	14	22.5	1,989,045	2,246,882	1.1	39,042
105 CONSERV USE OF WATE	62	56.4	4,535,188	5,685,412	0.3	5,445
106 DRAIN AND IRRIGATIO	41	35.6	3,177,648	3,524,453	0.5	31,590
107 WATERSHED PROT & MG	90	95.5	9,452,054	11,251,709	2.5	43,568
109 WEATHER ADAPT & MOD	9	4.0	384,974	422,333	0.0	0
112 IMPROV RANGE RESOR	46	32.5	3,159,963	3,213,195	0.1	47,642
113 REMOTE SENSING	7	5.0	615,674	650,990	0.0	4,220
SUBTOTAL	364	330.2	30,047,061	34,429,534	5.8	264,925
SERIES 200						
201 CNTRL FORST INSECTS	9	6.3	381,942	848,889	0.0	0
204 CNTR PESTS FRT & VE	93	69.1	6,846,533	7,031,510	2.4	179,667
205 CNTR DISE FRT & VEG	110	58.9	5,242,968	5,273,549	5.2	275,226
206 CNTR WEEDS FRT & VE	21	8.0	772,985	772,985	0.6	22,358
207 CNTR PESTS FLD CROP	196	154.4	14,289,335	14,596,797	3.3	258,948
208 CNTR DIS FIELD CROP	209	136.7	11,302,860	11,364,690	3.0	177,312
209 CNTR WEEDS FLD CROP	82	51.7	4,418,293	4,465,279	1.2	205,910
210 CNTR PESTS ANIMALS	24	33.8	3,595,510	3,601,948	0.4	40,469
211 CNTR DIS ANIMALS	141	145.3	24,226,219	24,731,524	9.2	635,343
212 CNTR INTER PARASITE	27	35.5	4,518,261	4,574,797	0.2	22,816
213 PROT ANMLS FROM TOX	32	29.4	3,953,992	4,009,510	0.2	9,528
214 PROTECT FROM POLLUT	11	8.6	672,243	763,798	0.0	0
SUBTOTAL	955	737.8	80,221,141	82,035,276	25.6	1,827,577
SERIES 300						
304 IMP BIO EFF FRT & V	89	61.3	5,186,291	5,353,317	1.5	43,432
305 MECH PROD FRT & VEG	18	14.9	1,024,359	1,043,875	0.0	0
306 PROD MGMT SYS F & V	3	0.8	68,495	99,423	0.0	0
307 IMP BIO EFF FLD CRP	283	178.0	14,961,534	15,781,431	2.4	130,109
308 MECH PROD FIELD CRO	48	38.8	3,463,540	3,778,400	0.0	0
309 PROD MGMT SYS FLD C	10	3.5	370,571	370,571	0.0	0
310 ANIMAL REPRODUCTION	42	35.9	5,489,405	5,503,690	2.1	156,802
311 IMP BIO EFF ANML PR	92	55.7	8,721,553	8,722,642	0.7	72,222
312 ENV STRESS IN ANML	17	9.4	1,083,738	1,100,512	0.0	0
313 PROD MGMT SYS ANML	9	3.1	644,156	660,943	0.1	3,422
314 BEES OTH POLLNTNG I	29	33.9	2,567,516	2,593,753	1.8	67,968
315 IMP STRUC FARM SUPP	27	8.2	525,755	1,748,655	0.0	0
317 MECH/STRUCTS ANML P	16	3.1	340,008	810,860	0.0	0
318 NON-COM BIO TECH/BI	169	207.4	17,222,128	18,166,941	3.9	209,631
SUBTOTAL	852	653.9	61,669,049	65,735,012	12.4	683,586
SERIES 400						
402 PROD F & V IMP ACCE	35	10.3	963,178	971,706	0.0	0
403 NEW & IMP F&V PROD	44	77.5	5,517,914	5,789,934	0.0	0
404 MKT QUAL FRTS & VEG	81	56.1	4,121,006	4,264,550	1.3	28,442
405 PROD FLD CROP IMP A	136	75.7	6,189,618	6,243,382	2.1	128,049
406 NEW IMP FOOD FLD CR	59	110.6	7,607,604	7,660,770	0.0	0
407 NEW IMP NON-FOOD FC	53	98.9	6,972,848	6,998,598	0.0	0
408 MKT QUAL FIELD CROP	64	51.5	3,893,061	3,974,503	0.2	33,760
409 PROD ANML PR IMP AC	15	8.9	1,476,758	1,478,727	0.0	0
410 IMP MEAT MILK EGG P	28	47.0	3,301,972	3,337,030	0.0	0
411 IMP NON-FOOD ANML P	18	40.0	2,800,075	2,843,989	0.0	0
412 MKT QUAL ANIMAL PRO	16	10.9	885,276	906,813	0.3	29,660
SUBTOTAL	549	587.5	43,729,310	44,470,002	3.9	219,911
SERIES 500						
501 IMP GRADES & STANDS	24	24.1	2,583,588	2,700,051	0.2	17,112
503 MKTG EFF AGRI PRODS	65	51.2	3,250,768	3,461,063	0.4	3,422
506 SPLY DEMAND AND PRI	1	0.2	8,606	8,606	0.0	0
509 PERFORMANCE MKTG SY	11	5.1	298,198	316,034	0.0	0
SUBTOTAL	101	80.6	6,141,160	6,485,754	0.6	20,534
SERIES 600						
603 TECH AID DEV CRTY	16	15.6	536,227	824,220	4.9	228,558
604 PRD DVLPT/MKTG FRG	17	26.9	1,839,746	1,942,875	0.0	0
SUBTOTAL	33	42.5	2,375,972	2,767,094	4.9	228,558
SERIES 700						
701 TOX RES IN FOOD	33	46.2	3,891,028	3,953,844	0.1	14,973
702 FOOD PROT FROM TOX	60	90.1	6,420,721	6,485,802	1.4	61,724
703 FOOD CONSUMP HABITS	9	54.8	3,728,316	6,028,316	0.0	0
704 HOME COMM FOOD SERV	3	7.3	145,367	477,784	0.0	0
705 SEL CARE CLOTH & TE	4	5.0	258,174	258,174	1.0	33,760
706 CONTR INSECTS AFF M	30	32.1	3,242,299	3,549,881	2.3	60,429
707 TRANS ANML MAN DI	3	1.4	62,500	113,918	0.0	14,010
708 HUMAN NUTRITION	74	98.4	9,216,046	9,707,230	1.4	124,890
709 REDUCE HAZ HLTH & S	56	83.8	6,252,089	6,283,951	6.6	603,203
SUBTOTAL	272	419.1	33,216,539	36,858,899	12.8	912,988
SERIES 800						
801 RURAL HOUSING	9	4.0	355,339	565,640	0.0	0
802 INDIV & FAM DEC MAK	4	4.8	348,364	348,364	0.0	0
SUBTOTAL	13	8.8	703,703	914,004	0.0	0
SERIES 900						
901 ALLEV POLLUTION	115	157.9	12,482,001	13,098,720	2.0	98,708
904 WDLFE AND FISH ECO	6	0.9	111,832	112,482	0.0	0
905 TREES BEAUTIFICATION	14	10.3	1,536,318	1,632,918	0.2	11,320
906 ORNAMENT & TURF DEV	51	36.6	4,151,025	4,416,746	0.9	65,014
SUBTOTAL	186	205.6	18,281,176	19,260,866	3.0	175,042
SCIENCE IN SERV OF MAN GRAND TOTAL	3325	3066.0	276,385,111	292,956,442	69.0	4,333,121

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - COOPERATIVE STATE RES SER CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADHSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SIS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	24	0.0	1,153,181	1,153,181	0.0	1,153,181
0200 WATER	3	0.0	62,450	62,450	0.0	62,450
0300 WATERSHEDS RIVER BAS	2	0.0	73,462	73,462	0.0	73,462
0500 RECREATION RESOURCES	1	0.0	235,600	235,600	0.0	235,600
0600 TIMBER FORST PRODUCT	31	0.0	1,142,890	1,142,890	0.0	1,142,890
0700 RANGE	6	0.0	266,110	266,110	0.0	266,110
0800 WILDLIFE AND FISH	8	0.0	435,914	435,914	0.0	435,914
0900 CITRUS SUB TROP FRUT	2	0.0	99,728	99,728	0.0	99,728
1000 FRUIT NUTS DECIDUOUS	6	0.0	322,565	322,565	0.0	322,565
1100 POTATOES	3	0.0	139,167	139,167	0.0	139,167
1200 VEGETABLES	22	0.0	1,098,230	1,098,230	0.0	1,098,230
1300 ORNAMENTALS TURF	4	0.0	215,500	215,500	0.0	215,500
1400 CORN	7	0.0	217,400	217,400	0.0	217,400
1500 GRAIN SORGHUM	1	0.0	123,339	123,339	0.0	123,339
1600 RICE	1	0.0	5,000	5,000	0.0	5,000
1700 WHEAT	6	0.0	317,872	317,872	0.0	317,872
1800 OTHER SMALL GRAINS	5	0.0	908,128	908,128	0.0	908,128
1900 PASTURE	1	0.0	119,972	119,972	0.0	119,972
2000 FORAGE CROPS	6	0.0	258,949	258,949	0.0	258,949
2100 COTTON	6	0.0	359,733	359,733	0.0	359,733
2200 COTTONSEED	1	0.0	1,000	1,000	0.0	1,000
2300 SOYBEANS	17	0.0	1,602,088	1,602,088	0.0	1,602,088
2400 PEANUTS	6	0.0	218,725	218,725	0.0	218,725
2700 SUGAR CROPS	1	0.0	17,500	17,500	0.0	17,500
2800 MISC NEW CROPS	2	0.0	59,723	59,723	0.0	59,723
2900 POULTRY	3	0.0	165,592	165,592	0.0	165,592
3000 BEEF CATTLE	12	0.0	1,091,349	1,091,349	0.0	1,091,349
3100 DAIRY CATTLE	7	0.0	1,042,251	1,042,251	0.0	1,042,251
3200 SWINE	9	0.0	639,441	639,441	0.0	639,441
3300 SHEEP AND WOOL	2	0.0	85,314	85,314	0.0	85,314
3400 OTHER ANIMALS	4	0.0	49,114	49,114	0.0	49,114
3600 FARM SUPP & FACILITS	2	0.0	257,980	257,980	0.0	257,980
3800 FOOD	13	0.0	382,854	382,854	0.0	382,854
4000 PEOPLE AS INDIVIDUAL	27	0.0	2,477,601	2,477,601	0.0	2,477,601
4100 FAMILY MEMBERS	17	0.0	1,724,121	1,724,121	0.0	1,724,121
4200 FARM AS BUSINESS	2	0.0	91,971	91,971	0.0	91,971
4300 SOC POLIT ORGANIZ	10	0.0	582,986	582,986	0.0	582,986
4400 AGRIC ECONOMY U S	1	0.0	60,000	60,000	0.0	60,000
4800 MARKETING SYSTEMS	4	0.0	210,000	210,000	0.0	210,000
6100 WEEDS	2	0.0	231,772	231,772	0.0	231,772
6400 EXP DESIGN/STAT METH	3	0.0	224,959	224,959	0.0	224,959
6500 INVERTEBRATES	2	0.0	74,580	74,580	0.0	74,580
6600 MICROORGANISMS,VIRUS	2	0.0	46,765	46,765	0.0	46,765
6700 PLANTS	59	0.0	2,838,169	2,838,169	0.0	2,838,169
6800 ANIMALS (VERTEBRATES)	30	0.0	139,093	139,093	0.0	139,093
7000 RSCH EQUIP & TECHNOL	2	0.0	32,900	32,900	0.0	32,900
TOTAL	385	0.0	21,903,036	21,903,036	0.0	21,903,036

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- COOPERATIVE STATE RES SER

CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADHSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	7	0.0	233,928	233,928	0.0	233,928
102 SOIL PLNT WTR NUTRI	10	0.0	233,673	233,673	0.0	233,673
103 MGMT OF SALINE SOIL	4	0.0	101,000	101,000	0.0	101,000
104 ALTERN USE OF LAND	1	0.0	20,000	20,000	0.0	20,000
105 CONSERV USE OF WATE	1	0.0	9,000	9,000	0.0	9,000
107 WATERSHED PROT & MG	3	0.0	134,334	134,334	0.0	134,334
109 WEATHER ADAPT & MOD	1	0.0	27,948	27,948	0.0	27,948
111 BIOL CULT MGMT FORS	5	0.0	107,334	107,334	0.0	107,334
112 IMPROV RANGE RESOR	6	0.0	243,610	243,610	0.0	243,610
113 REMOTE SENSING	1	0.0	21,900	21,900	0.0	21,900
SUBTOTAL	39	0.0	1,132,726	1,132,726	0.0	1,132,726
SERIES 200						
201 CNTRL FORST INSECTS	25	0.0	945,957	945,957	0.0	945,957
202 CONTROL FOREST DIS	1	0.0	50,000	50,000	0.0	50,000
204 CNTR PESTS FRT & VE	7	0.0	203,188	203,188	0.0	203,188
205 CNTR DISE FRT & VEG	8	0.0	244,787	244,787	0.0	244,787
206 CNTR WEEDS FRT & VE	9	0.0	341,361	341,361	0.0	341,361
207 CNTR PESTS FLD CROP	9	0.0	378,251	378,251	0.0	378,251
208 CNTR DIS FIELD CROP	10	0.0	512,845	512,845	0.0	512,845
209 CNTR WEEDS FLD CROP	7	0.0	161,547	161,547	0.0	161,547
210 CNTR PESTS ANIMALS	1	0.0	3,000	3,000	0.0	3,000
211 CNTR DIS ANIMALS	5	0.0	300,806	300,806	0.0	300,806
214 PROTECT FROM POLLUT	10	0.0	277,842	277,842	0.0	277,842
SUBTOTAL	91	0.0	3,415,584	3,419,584	0.0	3,419,584
SERIES 300						
304 IMP BIO EFF FRT & V	17	0.0	698,793	698,793	0.0	698,793
307 IMP BIO EFF FLD CRP	29	0.0	2,702,555	2,702,555	0.0	2,702,555
308 MECH PROD FIELD CRO	1	0.0	23,333	23,333	0.0	23,333
309 PROD MGMT SYS FLD C	2	0.0	30,500	30,500	0.0	30,500
310 ANIMAL REPRODUCTION	8	0.0	458,165	458,165	0.0	458,165
311 IMP BIO EFF ANML PR	7	0.0	1,425,915	1,425,915	0.0	1,425,915
313 PROD MGMT SYS ANML	6	0.0	470,360	470,360	0.0	470,360
315 IMP STRUC FARM SUPP	1	0.0	237,780	237,780	0.0	237,780
316 FARM BUSINESS MGMT	1	0.0	76,971	76,971	0.0	76,971
318 NON-COM BIO TECH/BI	8	0.0	415,610	415,610	0.0	415,610
SUBTOTAL	80	0.0	6,539,982	6,539,982	0.0	6,539,982
SERIES 400						
402 PROD F & V IMP ACCE	2	0.0	196,418	196,418	0.0	196,418
405 PROD FLD CROP IMP A	3	0.0	113,384	113,384	0.0	113,384
409 PROD ANML PR IMP AC	1	0.0	47,800	47,800	0.0	47,800
412 MKT QUAL ANIMAL PRO	1	0.0	88,200	88,200	0.0	88,200
SUBTOTAL	7	0.0	445,802	445,802	0.0	445,802
SERIES 500						
501 IMP GRADES & STANDS	1	0.0	24,200	24,200	0.0	24,200
503 MKTG EFF AGRI FRODS	6	0.0	388,710	388,710	0.0	388,710
507 COMP REL IN AGRIC	1	0.0	30,000	30,000	0.0	30,000
508 DOMESTIC MKT DEVELP	1	0.0	18,900	18,900	0.0	18,900
509 PERFORMANCE MKTG SY	3	0.0	171,600	171,600	0.0	171,600
510 GROUP ACT MKT POWER	1	0.0	15,000	15,000	0.0	15,000
511 IMP AGRIC STATISTIC	1	0.0	106,129	106,129	0.0	106,129
SUBTOTAL	14	0.0	754,539	754,539	0.0	754,539
SERIES 600						
603 TECH AID DEV CRTY	2	0.0	46,765	46,765	0.0	46,765
SUBTOTAL	2	0.0	46,765	46,765	0.0	46,765
SERIES 700						
701 TOX RES IN FOOD	54	0.0	2,651,790	2,651,790	0.0	2,651,790
702 FOOD PROT FROM TOX	1	0.0	2,000	2,000	0.0	2,000
703 FOOD CONSUMP HABITS	12	0.0	692,762	692,762	0.0	692,762
707 TRANS ANML MAN DI	1	0.0	1,000	1,000	0.0	1,000
708 HUMAN NUTRITION	19	0.0	1,575,573	1,575,573	0.0	1,575,573
709 REDUCE HAZ HLTH & S	2	0.0	259,192	259,192	0.0	259,192
SUBTOTAL	89	0.0	5,182,317	5,182,317	0.0	5,182,317
SERIES 800						
802 INDIV & FAM DEC MAK	8	0.0	689,403	689,403	0.0	689,403
803 RURAL POVERTY	5	0.0	373,643	373,643	0.0	373,643
804 ECON POTENT RURL PE	7	0.0	347,027	347,027	0.0	347,027
805 COMMUNICAT RURL PE	8	0.0	750,460	750,460	0.0	750,460
806 ADJUSTMENT TO CHANG	6	0.0	231,874	231,874	0.0	231,874
807 AGRIC ECONOMIC CHAN	2	0.0	75,000	75,000	0.0	75,000
SUBTOTAL	36	0.0	2,467,407	2,467,407	0.0	2,467,407
SERIES 900						
901 ALLEV POLLUTION	13	0.0	689,256	689,256	0.0	689,256
902 OUTDOOR RECREATION	1	0.0	235,600	235,600	0.0	235,600
904 WDLFE AND FISH ECO	7	0.0	311,335	311,335	0.0	311,335
905 TREES BEAUTIFICATIO	2	0.0	170,000	170,000	0.0	170,000
906 ORNAMENT & TURF DEV	3	0.0	75,500	75,500	0.0	75,500
907 RURAL INCOME IMP	6	0.0	173,480	173,480	0.0	173,480
908 RURAL INSTITUT IMP	7	0.0	258,744	258,744	0.0	258,744
SUBTOTAL	39	0.0	1,913,915	1,913,915	0.0	1,913,915
SCIENCE IN SERV OF MAN GRAND TOTAL	397	0.0	21,903,036	21,903,036	0.0	21,903,036

TABLE 11-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	27	22.9	1,103,760	1,213,580	0.0	0
0200 WATER	26	8.2	523,913	592,993	0.0	0
0300 WATERSHEDS RIVER BAS	6	2.1	172,927	172,927	0.0	0
0400 AIR AND CLIMATE	4	5.7	290,000	377,000	0.0	0
0900 CITRUS SUB TROP FRUT	12	5.0	268,503	268,503	0.0	0
1000 FRUIT NUTS DECIDUOUS	12	5.3	285,191	285,191	0.0	0
1100 POTATOES	10	2.1	110,499	110,499	0.0	0
1200 VEGETABLES	12	8.2	428,155	428,155	0.0	0
1300 ORNAMENTALS TURF	1	0.0	2,022	2,022	0.0	0
1400 CORN	32	7.5	391,484	393,301	0.0	7,250
1500 GRAIN SORGHUM	24	3.2	164,708	165,798	0.0	2,950
1600 RICE	23	3.2	162,208	163,298	0.0	450
1700 WHEAT	27	6.9	352,307	354,124	0.0	4,750
1800 OTHER SMALL GRAINS	23	2.2	108,724	110,078	0.0	300
2000 FORAGE CROPS	22	2.1	107,553	107,653	0.0	300
2100 COTTON	16	16.2	952,650	952,650	0.0	0
2200 COTTONSEED	1	2.0	122,220	122,220	0.0	0
2300 SOYBEANS	17	7.6	441,269	441,269	0.0	29,750
2400 PEANUTS	5	1.2	66,416	66,416	0.0	0
2500 OTHER OILSEED CROPS	1	0.3	17,460	17,460	0.0	0
2900 POULTRY	21	7.9	475,230	482,430	0.3	39,200
3000 BEEF CATTLE	21	13.1	701,175	729,244	0.3	18,200
3100 DAIRY CATTLE	17	13.8	762,881	784,481	0.2	7,000
3200 SWINE	19	8.9	456,728	482,641	0.3	16,400
3300 SHEEP AND WOOL	7	1.7	89,212	89,212	0.1	5,400
3600 FARM SUPP & FACILITS	10	25.2	1,228,760	1,228,760	0.0	6,000
3800 FOOD	18	52.0	2,971,162	2,975,977	0.0	0
3900 HOUSING & EQUIP	6	3.2	177,400	192,300	0.0	0
4000 PEOPLE AS INDIVIDUAL	7	15.3	1,283,700	1,283,700	0.0	0
4100 FAMILY MEMBERS	5	9.5	574,600	574,600	0.0	0
4200 FARM AS BUSINESS	6	19.6	1,914,648	1,914,648	0.0	25,000
4300 SOC POLIT ORGANIZ	23	26.3	1,389,700	1,587,700	0.0	0
4400 AGRIC ECONOMY U S	14	35.9	3,574,818	3,635,124	0.0	7,200
4500 AGRIC ECONOMY FORGN	24	80.7	3,882,364	3,884,964	0.0	0
4700 OTH MARKET PROCESS	1	1.2	110,543	110,543	0.0	0
4800 MARKETING SYSTEMS	5	20.9	1,245,442	1,245,442	0.0	0
6400 EXP DESIGN/STAT METH	1	2.9	149,226	149,226	0.0	0
6700 PLANTS	6	4.1	160,832	160,832	0.0	4,500
6800 ANIMALS (VERTEBRATES)	5	2.4	96,066	96,066	0.0	4,500
7000 RSCH EQUIP & TECHNOL	1	1.0	49,742	49,742	0.0	0
9900 UNCLASSIFIED	1	1.0	51,900	51,900	0.0	0
TOTAL	519	458.3	27,418,114	28,054,686	1.2	179,150

TABLE 11-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
103 MGMT OF SALINE SOIL	1	0.1	10,900	38,400	0.0	0
104 ALTERN USE OF LAND	16	23.7	1,061,600	1,198,100	0.0	0
108 ECON LEG PROB OF WA	4	4.5	332,400	332,400	0.0	0
SUBTOTAL	21	28.3	1,404,900	1,568,900	0.0	0
SERIES 300						
309 PROD MGMT SYS PLD C	2	3.2	216,111	216,111	0.0	0
312 ENV STRESS IN ANML	1	1.2	84,060	84,060	0.0	0
313 PROD MGMT SYS ANML	1	1.2	51,163	51,163	0.0	0
SUBTOTAL	4	5.6	351,334	351,334	0.0	0
SERIES 500						
501 IMP GRADES & STANDS	2	1.2	55,134	61,402	0.0	0
503 MKTG EFF AGRI PRODS	16	11.3	593,279	593,279	0.3	50,700
506 SPL DEMAND AND PRI	43	87.0	5,038,099	5,038,099	0.7	89,750
507 COMP REL IN AGRIC	8	12.1	482,752	483,752	0.0	0
508 DOMESTIC MKT DEVELP	8	13.7	755,463	760,278	0.0	0
509 PERFORMANCE MKTG SY	32	57.8	3,316,594	3,316,594	0.0	0
511 IMP AGRIC STATISTIC	1	3.9	198,968	198,968	0.0	0
SUBTOTAL	110	187.0	10,440,289	10,452,372	1.0	140,450
SERIES 600						
601 FGN MKT DEVELP	24	80.7	3,882,364	3,884,964	0.0	0
SUBTOTAL	24	80.7	3,882,364	3,884,964	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	3	12.5	679,615	679,615	0.0	0
SUBTOTAL	3	12.5	679,615	679,615	0.0	0
SERIES 800						
801 RURAL HOUSING	2	4.7	272,900	272,900	0.0	0
804 ECON POTENT RURL PE	4	5.6	346,200	346,200	0.0	0
806 ADJUSTMENT TO CHANG	7	15.3	1,283,700	1,283,700	0.0	0
807 AGRIC ECONOMIC CHAN	20	44.9	5,024,398	5,050,181	0.0	25,000
808 GOV'T PROGRAMS	16	26.1	1,388,693	1,433,999	0.2	13,700
SUBTOTAL	49	96.6	8,315,891	8,386,980	0.2	38,700
SERIES 900						
901 ALLEV POLLUTION	20	20.3	900,100	1,088,900	0.0	0
906 ORNAMENT & TURF DEV	1	0.0	2,022	2,022	0.0	0
907 RURAL INCOME IMP	6	7.7	456,800	456,800	0.0	0
908 RURAL INSTITUT IMP	17	18.6	932,900	1,130,900	0.0	0
990 UNCLASSIFIED	1	1.0	51,900	51,900	0.0	0
SUBTOTAL	45	47.6	2,343,722	2,730,522	0.0	0
SCIENCE IN SERV OF MAN	256	458.3	27,418,114	28,054,686	1.2	179,150
GRAND TOTAL						

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FARM COOPERATIVE SERVICE PCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
4600 FARM COOPERATIVES	36	21.1	940,935	945,109	0.0	0
TOTAL	36	21.1	940,935	945,109	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- FARM COOPERATIVE SERVICE PCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 500						
510 GROUP ACT MNT POWER	36	21.1	940,935	945,109	0.0	0
SUBTOTAL	36	21.1	940,935	945,109	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	36	21.1	940,935	945,109	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	5	10.2	1,030,260	1,134,720	0.0	0
0200 WATER	9	11.5	1,011,310	1,199,575	0.0	0
0300 WATERSHEDS RIVER BAS	33	94.8	6,881,406	10,418,140	0.0	0
0400 AIR AND CLIMATE	3	5.3	530,720	534,970	0.0	0
0500 RECREATION RESOURCES	17	24.7	3,331,424	3,477,769	0.0	0
0600 TIMBER FORST PRODUCT	195	712.1	63,607,215	67,116,016	0.0	0
0700 RANGE	16	22.7	2,429,251	2,581,541	0.0	0
0800 WILDLIFE AND FISH	30	56.5	4,301,674	4,697,469	0.0	0
3900 HOUSING & EQUIP	3	10.8	962,540	1,006,500	0.0	0
4300 SOC POLIT ORGANIZ	1	3.0	246,600	246,600	0.0	0
TOTAL	312	951.5	86,332,400	92,413,300	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
102 SOIL PLNT WTR NUTRI	1	2.0	177,320	178,320	0.0	0
105 CONSERV USE OF WATE	1	0.8	130,150	174,800	0.0	0
107 WATERSHED PROT & MG	36	98.8	8,814,996	10,241,855	0.0	0
108 ECON LEG PROB OF WA	1	1.1	73,300	79,990	0.0	0
110 APPRAIS FORST & RAW	12	57.6	7,361,820	7,506,870	0.0	0
111 BIOL CULT MGMT FORS	63	183.9	14,432,004	15,430,660	0.0	0
112 IMPROV RANGE RESOR	5	9.5	1,020,260	1,087,510	0.0	0
SUBTOTAL	119	353.6	32,009,850	34,700,005	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	34	110.5	11,002,840	11,813,580	0.0	0
202 CONTROL FOREST DIS	23	58.7	4,977,982	5,142,257	0.0	0
203 FOREST FIRE PROTECT	20	70.3	6,798,635	7,138,150	0.0	0
214 PROTECT FROM POLLUT	3	8.0	1,669,000	1,731,600	0.0	0
SUBTOTAL	80	247.6	24,448,457	25,825,587	0.0	0
SERIES 300						
301 GENET BREED FORST T	12	35.4	3,285,530	3,377,130	0.0	0
302 IMP FOREST ENG SYS	6	14.1	1,863,900	2,174,800	0.0	0
303 ECON TIMBER PRODUCT	5	10.9	721,520	742,520	0.0	0
SUBTOTAL	23	60.4	5,870,950	6,294,450	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	27	113.5	10,456,060	10,902,230	0.0	0
SUBTOTAL	27	113.5	10,456,060	10,902,230	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCT	11	35.6	2,343,290	2,440,520	0.0	0
512 IMP GRADES FRST PRO	2	10.0	646,000	664,800	0.0	0
513 PRICE ANAL FRST PRO	3	8.6	592,540	593,240	0.0	0
SUBTOTAL	16	54.2	3,581,830	3,698,560	0.0	0
SERIES 800						
801 RURAL HOUSING	2	6.0	486,700	529,300	0.0	0
SUBTOTAL	2	6.0	486,700	529,300	0.0	0
SERIES 900						
901 ALLEY POLLUTION	9	19.1	1,666,850	2,016,340	0.0	0
902 OUTDOOR RECREATION	11	16.2	1,578,189	1,656,889	0.0	0
903 MULTI-USE-FOREST PO	9	18.5	1,487,560	1,630,970	0.0	0
904 WDLFE AND FISH ECO	28	56.2	4,228,754	4,619,849	0.0	0
905 TREES BEAUTIFICATIO	2	3.2	270,600	292,520	0.0	0
907 RURAL INCOME IMP	1	3.0	246,600	246,600	0.0	0
SUBTOTAL	60	116.2	9,478,553	10,463,168	0.0	0
SCIENCE IN SERV OF MAN GRAND TOTAL	327	951.5	86,332,400	92,413,300	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1155	377.6	5,183,323	32,589,614	*	1,504,315
0200 WATER	716	202.2	2,350,166	17,284,213	*	613,843
0300 WATERSHEDS RIVER BAS	143	39.2	473,015	3,190,997	*	214,218
0400 AIR AND CLIMATE	138	44.2	557,147	5,138,879	*	214,625
0500 RECREATION RESOURCES	196	50.0	991,592	3,342,020	*	115,645
0600 TIMBER FORST PRODUCT	1280	462.9	7,917,303	35,972,939	*	1,897,907
0700 RANGE	255	71.5	671,335	6,518,825	*	156,387
0800 WILDLIFE AND FISH	643	188.1	1,812,997	17,037,164	*	604,274
0900 CITRUS SUB TROP FRUT	282	126.1	889,838	10,622,788	*	212,858
1000 FRUIT NUTS DECIDUOUS	999	361.6	4,966,241	29,286,340	*	579,928
1100 POTATOES	302	88.1	1,420,602	7,197,045	*	178,503
1200 VEGETABLES	1283	441.6	5,610,143	33,530,449	*	1,310,080
1300 ORNAMENTALS TURF	581	208.3	2,378,993	15,456,344	*	148,231
1400 CORN	767	176.6	2,949,830	15,578,238	*	347,629
1500 GRAIN SORGHUM	291	52.4	618,749	4,396,649	*	72,988
1600 RICE	101	38.2	217,243	3,069,123	*	67,318
1700 WHEAT	601	140.6	1,852,845	11,600,689	*	431,159
1800 OTHER SMALL GRAINS	391	79.6	1,146,363	7,351,123	*	737,327
1900 PASTURE	171	37.7	352,406	3,546,578	*	174,796
2000 FORAGE CROPS	845	241.9	3,561,744	20,208,515	*	681,786
2100 COTTON	389	137.4	1,863,061	13,174,638	*	893,255
2200 COTTONSEED	15	3.1	48,441	245,561	*	22,567
2300 SOYBEANS	776	209.8	3,192,687	17,912,700	*	1,433,327
2400 PEANUTS	148	48.3	466,748	4,096,069	*	347,657
2500 OTHER OILSEED CROPS	86	14.7	144,419	1,401,025	*	59,582
2600 TOBACCO	166	63.2	820,056	6,079,461	*	90,488
2700 SUGAR CROPS	178	57.1	855,748	4,503,213	*	28,122
2800 MISC NEW CROPS	112	27.2	329,532	2,516,611	*	45,355
2900 POULTRY	733	249.4	5,551,594	24,724,640	*	688,962
3000 BEEF CATTLE	1183	392.8	8,332,319	55,179,267	*	2,622,846
3100 DAIRY CATTLE	1032	326.9	7,408,857	37,362,382	*	830,920
3200 SWINE	545	157.5	3,317,530	20,709,756	*	1,083,060
3300 SHEEP AND WOOL	347	77.1	1,524,199	8,191,155	*	173,423
3400 OTHER ANIMALS	378	106.0	1,187,070	8,758,757	*	303,360
3500 BEES AND HONEY	43	17.8	211,420	1,071,275	*	34,290
3600 FARM SUPP & FACILITS	103	27.9	384,747	2,252,452	*	329,028
3700 CLOTHING & TEXTILES	67	18.8	316,877	913,275	*	81,299
3800 FOOD	500	155.5	3,060,236	12,881,570	*	1,250,254
3900 HOUSING & EQUIP	207	59.3	626,025	4,676,696	*	459,440
4000 PEOPLE AS INDIVIDUAL	710	195.6	2,968,999	15,217,110	*	2,108,345
4100 FAMILY MEMBERS	217	48.4	889,025	3,361,701	*	605,229
4200 FARM AS BUSINESS	178	60.9	1,206,985	3,455,467	*	236,104
4300 SOC POLIT ORGANIZ	458	131.1	3,169,482	8,448,574	*	678,691
4400 AGRIC ECONOMY U S	101	31.4	539,579	2,278,015	*	146,635
4500 AGRIC ECONOMY FORGN	25	10.9	86,014	1,051,436	*	463,471
4600 FARM COOPERATIVES	45	7.5	229,329	604,793	*	152,731
4700 OTH MARKET PROCESS	41	8.5	171,222	532,351	*	5,585
4800 MARKETING SYSTEMS	102	26.5	737,010	1,758,934	*	268,311
6100 WEEDS	54	11.9	185,123	964,023	*	45,275
6200 SEED RESEARCH	26	9.6	89,153	937,143	*	5,121
6300 BIO CELL SYSTEMS	208	82.8	685,675	7,354,079	*	24,170
6400 EXP DESIGN/STAT METH	60	27.4	167,696	2,148,748	*	314,705
6500 INVERTEBRATES	247	106.7	771,335	8,605,168	*	110,947
6600 MICROORGANISMS,VIRUS	223	82.4	693,624	7,376,806	*	80,722
6700 PLANTS	601	220.5	2,724,007	19,545,381	*	812,613
6800 ANIMALS (VERTEBRATES)	286	112.7	1,014,853	11,114,860	*	140,799
6900 RESEARCH ON RSCH MGM	27	10.8	197,266	747,865	*	126,329
7000 RSCH EQUIP & TECHNOL	101	27.0	251,869	2,553,619	*	54,396
9900 UNCLASSIFIED	47	127.9	1,055,217	14,229,212	*	607,189
TOTAL	21909	6918.6	103,396,903	621,854,521	*	28,028,427

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADHSD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	199	75.7	932,605	6,100,731	*	123,216
102 SOIL PLNT WTR NUTRI	514	157.0	1,959,461	13,433,577	*	343,994
103 HGHT OF SALINE SOIL	51	15.1	103,133	1,476,146	*	62,657
104 ALTERN USE OF LAND	187	59.4	1,069,619	4,484,604	*	163,759
105 CONSERV USE OF WATE	237	57.9	548,295	4,821,004	*	47,567
106 DRAIN AND IRRIGATIO	97	29.7	236,787	2,422,308	*	34,989
107 WATERSHED PROT & HG	158	53.5	581,262	6,017,005	*	456,114
108 ECON LBG PROB OF WA	42	13.6	116,418	863,741	*	20,575
109 WEATHER ADAPT & MOD	107	35.3	494,491	4,263,825	*	174,818
110 APPRAIS FORST & RAN	114	25.6	382,797	1,703,500	*	106,947
111 BIOL CULT HGHT FORS	407	116.0	2,411,127	10,125,748	*	396,852
112 IMPROV RANGE RESOR	171	49.1	425,641	4,991,359	*	118,266
113 REMOTE SENSING	51	13.0	167,167	1,206,726	*	33,890
114 RSCH ON HGHT OF RSC	27	10.8	197,266	747,865	*	126,329
SUBTOTAL	2362	711.8	9,627,067	62,658,137	*	2,209,971
SERIES 200						
201 CNTRL FORST INSECTS	196	61.1	862,299	5,253,663	*	557,257
202 CONTROL FOREST DIS	138	38.4	844,324	2,818,927	*	124,445
203 FOREST FIRE PROTECT	20	2.3	6,024	223,195	*	56,852
204 CNTR PESTS FRT & VE	352	129.4	1,484,523	10,442,329	*	547,971
205 CNTR DISE FRT & VEG	652	215.1	2,371,350	16,085,822	*	374,852
206 CNTR WEEDS FRT & VE	165	48.8	660,272	3,646,193	*	104,073
207 CNTR PESTS FLD CROP	483	165.9	2,623,718	14,458,116	*	832,593
208 CNTR DIS FIELD CROP	662	212.6	3,002,481	16,068,454	*	609,408
209 CNTR WEEDS FLD CROP	285	87.5	1,240,574	7,981,680	*	200,865
210 CNTR PESTS ANIMALS	91	29.5	403,243	2,223,176	*	236,495
211 CNTR DIS ANIMALS	479	243.9	3,260,434	22,514,420	*	1,184,189
212 CNTR INTER PARASITE	94	31.9	535,196	3,127,634	*	15,847
213 PROT ANMLS FROM TOX	89	20.1	335,854	2,068,693	*	21,978
214 PROTECT FROM POLLUT	229	56.7	689,254	5,360,884	*	414,139
SUBTOTAL	3935	1343.1	18,319,546	112,273,186	*	5,280,964
SERIES 300						
301 GENET BREED FORST T	132	37.1	1,058,205	3,278,183	*	79,371
302 IMP FOREST ENG SYS	27	11.7	150,388	781,306	*	42,522
303 ECON TIMBER PRODUCT	50	18.2	234,441	1,215,473	*	102,153
304 IMP BIO EFF FRT & V	1001	364.2	3,744,924	30,523,352	*	710,690
305 MECH PROD FRT & VEG	168	46.2	624,189	3,502,034	*	44,619
306 PROD HGHT SYS F & V	83	21.2	267,932	1,594,690	*	31,041
307 IMP BIO EFF FLD CRO	1581	642.9	7,240,922	60,615,857	*	2,418,982
308 MECH PROD FIELD CRO	115	30.6	470,305	2,802,448	*	114,568
309 PROD HGHT SYS FLD C	190	45.6	657,444	4,210,115	*	217,895
310 ANIMAL REPRODUCTION	433	166.7	3,751,213	21,732,144	*	1,034,133
311 IMP BIO EFF ANML PR	1264	465.2	9,560,466	67,716,819	*	1,835,185
312 ENV STRESS IN ANML	172	66.1	1,023,843	7,516,580	*	126,877
313 PROD HGHT SYS ANML	272	63.0	973,353	9,336,702	*	314,206
314 BEES OTH POLLNTNG I	43	17.8	211,420	1,071,275	*	34,290
315 IMP STRUC FARM SUPP	109	37.9	341,093	3,504,384	*	506,632
316 FARM BUSINESS HGHT	138	49.4	1,041,085	2,808,506	*	158,435
317 MECH/STRUCTS ANML P	68	12.3	172,557	1,099,294	*	65,886
318 NON-COM BIO TECH/BI	1001	416.9	3,433,034	35,823,114	*	331,973
SUBTOTAL	6847	2513.1	34,956,813	259,132,277	*	8,169,457
SERIES 400						
401 NEW IMP FOREST PROD	186	100.5	1,148,442	6,031,163	*	146,671
402 PROD F & V IMP ACCE	239	46.9	569,519	3,999,300	*	34,422
403 NEW & IMP P&V PROD	200	71.5	1,133,697	5,385,180	*	103,019
404 MKT QUAL FRTS & VEG	198	60.5	1,459,107	4,943,876	*	67,474
405 PROD FLD CROP IMP A	233	68.7	967,162	5,531,735	*	347,975
406 NEW IMP FOOD FLD CR	134	36.8	722,189	3,198,430	*	276,001
407 NEW IMP NON-FOOD FC	50	15.2	245,897	1,165,686	*	14,788
408 MKT QUAL FIELD CROP	85	22.5	419,197	1,682,983	*	110,026
409 PROD ANML FR IMP AC	172	43.8	1,422,974	5,031,274	*	280,182
410 IMP MEAT MILK EGG P	279	86.4	2,157,030	7,369,349	*	131,801
411 IMP NON-FOOD ANML P	21	3.9	55,176	364,450	*	0
412 MKT QUAL ANIMAL PRO	124	31.2	864,634	2,804,497	*	49,803
SUBTOTAL	1921	588.0	11,165,025	47,507,923	*	1,562,163
SERIES 500						
501 IMP GRADES & STANDS	70	19.9	430,764	1,486,083	*	11,787
502 MKTG TIMBER PRODUCT	28	6.3	127,728	350,862	*	26,721
503 MKTG EFF AGRI PRODS	228	56.7	1,707,359	3,933,770	*	342,612
506 SPLY DEMAND AND PRI	165	43.5	1,454,132	2,929,378	*	135,635
507 COMP REL IN AGRIC	57	8.5	284,498	551,737	*	33,767
508 DOMESTIC MKT DEVELP	57	8.7	232,085	552,055	*	648
509 PERFORMANCE MKTG SY	156	50.4	1,550,629	3,033,317	*	252,041
510 GROUP ACT MKT POWER	32	5.6	152,185	460,315	*	147,863
511 IMP AGRIC STATISTIC	29	8.0	95,595	787,675	*	295,422
512 IMP GRADES PRST PRO	18	3.6	32,049	209,351	*	38,562
513 PRICE ANAL PRST PRO	17	4.9	125,802	330,297	*	15,730
SUBTOTAL	857	216.1	6,192,827	14,624,839	*	1,300,786
SERIES 600						
601 FGM MKT DEVELP	55	13.2	409,687	1,002,720	*	43,355
602 EVAL FGM FOOD AID P	3	0.3	9,977	22,251	*	0
603 TECH AID DEV CRTY	43	19.0	22,911	1,135,182	*	481,788
604 PRD DVLPT/MKTG PRG	10	0.8	10,427	66,889	*	0
SUBTOTAL	111	33.3	453,002	2,227,043	*	525,143
SERIES 700						
701 TOX RES IN FOOD	137	56.0	1,091,578	5,055,625	*	653,925
702 FOOD PROT FROM TOX	190	58.8	1,134,586	4,939,787	*	113,614
703 FOOD CONSUMP HABITS	190	45.1	678,202	2,892,836	*	842,824
704 HOME COMM FOOD SERV	55	10.6	269,744	781,580	*	83,211
705 SEL CARE CLOTH & TE	61	17.8	286,328	840,176	*	81,299
706 COMTE INSECTS AFF H	106	41.6	418,027	3,292,254	*	65,262
707 TRANS ANML HAN DI	28	6.8	50,766	645,847	*	41,150
708 HUMAN NUTRITION	376	120.0	1,722,156	10,134,323	*	1,473,542
709 REDUCE HAZ HLTH & S	57	12.8	166,599	886,742	*	73,790
SUBTOTAL	1200	369.5	5,817,987	29,469,211	*	3,428,617

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	49	14.3	214,901	762,423	*	92,673
802 INDIV & FAM DEC MAK	157	30.3	609,613	2,038,161	*	186,255
803 RURAL POVERTY	39	9.4	177,629	596,787	*	186,073
804 ECON POTENT RURL PE	108	26.4	607,363	1,811,672	*	348,089
805 COMMUNICAT RURAL PE	131	29.6	316,980	2,762,300	*	249,622
806 ADJUSTMENT TO CHANG	172	43.7	894,492	3,014,396	*	286,766
807 AGRIC ECONOMIC CHAN	116	32.4	533,077	2,117,297	*	167,635
808 GOV'T PROGRAMS	35	6.5	175,070	518,725	*	33,162
SUBTOTAL	807	192.6	3,529,125	13,621,763	*	1,550,275
SERIES 900						
901 ALLEV POLLUTION	704	247.2	3,738,846	21,859,585	*	1,606,578
902 OUTDOOR RECREATION	172	47.0	931,237	3,129,925	*	109,925
903 MULTI-USE-FOREST PO	76	13.2	283,019	932,143	*	76,753
904 WILDLFE AND FISH ECO	549	163.1	1,539,677	15,011,673	*	561,185
905 TREES BEAUTIFICATIO	97	26.5	302,552	2,298,568	*	82,372
906 ORNAMENT & TURF DEV	563	200.9	2,331,952	14,667,172	*	105,394
907 RURAL INCOME IMP	180	46.5	1,044,349	2,847,463	*	454,363
908 RURAL INSTITUT IMP	293	78.9	2,108,663	5,364,401	*	397,294
909 UNCLASSIFIED	47	127.9	1,055,217	14,229,212	*	607,189
SUBTOTAL	2681	951.2	13,335,511	80,340,141	*	4,001,052
SCIENCE IN SERV OF MAN						
GRAND TOTAL	20721	6918.6	103,396,903	621,854,521	*	28,028,427

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SAES REGION 1 NORTHEAST REGION						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	(INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	162	52.5	1,023,967	3,570,453	*	103,941
0200 WATER	87	30.7	432,364	1,815,561	*	3,260
0300 WATERSHEDS RIVER BAS	19	4.1	84,619	260,106	*	21,062
0400 AIR AND CLIMATE	23	4.9	83,268	365,577	*	44,111
0500 RECREATION RESOURCES	49	12.1	367,115	746,506	*	16,024
0600 TIMBER FORST PRODUCT	205	75.8	1,710,288	4,721,598	*	165,677
0700 RANGE	2	0.5	68,576	126,201	*	0
0800 WILDLIFE AND FISH	128	36.8	403,301	3,215,178	*	155,635
0900 CITRUS SUB TROP FRUT	3	0.2	7,366	26,250	*	0
1000 FRUIT NUTS DECIDUOUS	256	97.9	1,787,533	6,649,193	*	163,803
1100 POTATOES	82	23.9	631,517	2,006,983	*	82,537
1200 VEGETABLES	245	75.0	1,313,109	5,151,369	*	183,437
1300 ORNAMENTALS TURF	123	33.5	641,008	2,533,219	*	5,245
1400 CORN	92	23.8	485,365	1,619,018	*	3,776
1500 GRAIN SORGHUM	1	0.1	2,457	4,845	*	0
1600 RICE	1	0.0	871	3,925	*	0
1700 WHEAT	22	2.9	59,971	252,798	*	0
1800 OTHER SMALL GRAINS	22	2.3	35,320	238,523	*	2,936
1900 PASTURE	3	0.1	3,615	16,286	*	0
2000 FORAGE CROPS	100	25.8	551,734	2,351,632	*	213,924
2100 COTTON	2	0.2	3,651	38,776	*	103
2200 COTTONSEED	1	0.1	0	4,299	*	0
2300 SOYBEANS	44	10.2	164,296	864,660	*	217,157
2400 PEANUTS	3	0.3	1,386	43,300	*	0
2500 OTHER OILSEED CROPS	3	0.2	2,182	53,812	*	0
2600 TOBACCO	22	7.7	111,000	475,764	*	0
2700 SUGAR CROPS	1	0.3	2,130	5,626	*	0
2800 MISC NEW CROPS	7	1.2	21,317	75,087	*	0
2900 POULTRY	154	60.6	1,443,470	5,588,708	*	65,422
3000 BEEF CATTLE	75	16.6	369,667	1,731,264	*	53,014
3100 DAIRY CATTLE	215	65.7	1,499,452	6,530,880	*	94,006
3200 SWINE	39	9.2	88,092	725,965	*	29,477
3300 SHEEP AND WOOL	43	9.1	195,317	799,278	*	0
3400 OTHER ANIMALS	104	37.3	291,485	2,599,279	*	11,357
3500 BEES AND HONEY	7	2.7	45,779	162,441	*	3,003
3600 FARM SUPP & FACILITS	9	2.4	35,916	151,048	*	4,637
3700 CLOTHING & TEXTILES	8	1.6	38,237	76,770	*	0
3800 FOOD	91	29.4	789,893	2,582,457	*	41,336
3900 HOUSING & EQUIP	33	11.7	161,140	794,305	*	85,568
4000 PEOPLE AS INDIVIDUAL	130	43.2	703,793	3,129,532	*	231,455
4100 FAMILY MEMBERS	21	3.3	81,728	669,719	*	130,963
4200 FARM AS BUSINESS	18	7.9	149,578	401,532	*	8,766
4300 SOC POLIT ORGANIZ	98	33.2	931,702	2,136,307	*	79,662
4400 AGRIC ECONOMY U S	10	3.0	57,499	167,215	*	0
4500 AGRIC ECONOMY FORGN	7	5.8	21,109	133,309	*	0
4600 FARM COOPERATIVES	1	0.2	10,338	10,338	*	0
4700 OTH MARKET PROCESS	6	3.8	50,745	168,602	*	0
4800 MARKETING SYSTEMS	10	3.2	112,708	157,283	*	4,162
6100 WEEDS	5	0.8	46,555	99,434	*	0
6200 SEED RESEARCH	10	3.2	25,410	194,179	*	30
6300 BIO CELL SYSTEMS	38	12.7	235,798	1,006,609	*	1,578
6400 EXP DESIGN/STAT METH	7	2.6	26,943	149,979	*	0
6500 INVERTEBRATES	31	18.6	129,129	1,219,983	*	66,720
6600 MICROORGANISMS,VIRUS	51	14.1	212,441	1,155,837	*	2,432
6700 PLANTS	92	39.1	698,822	2,247,216	*	185,373
6800 ANIMALS (VERTEBRATES)	32	13.3	137,201	758,695	*	21,086
7000 RSCH EQUIP & TECHNOL	20	4.7	72,712	372,189	*	9,179
9900 UNCLASSIFIED	9	21.1	68,436	3,099,960	*	79,418
TOTAL	3082	1003.2	18,732,423	76,267,254	*	2,591,271

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)							
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977	
SERIES 100							
101 APPRAIS OF SOIL RES	27	9.6	108,383	659,886	*	4,166	
102 SOIL PLNT WTR NUTRI	56	18.9	381,326	1,358,244	*	39,929	
103 MGMT OF SALINE SOIL	1	0.5	1,256	1,256	*	0	
104 ALTERN USE OF LAND	28	9.2	228,247	550,592	*	18,733	
105 CONSERV USE OF WATE	11	2.5	63,531	190,726	*	0	
106 DRAIN AND IRRIGATIO	4	0.5	28,403	55,643	*	0	
107 WATERSHED PROT & MG	17	4.5	91,960	255,715	*	14,667	
108 ECON LEG PROB OF WA	6	2.2	17,621	92,249	*	6,918	
109 WEATHER ADAPT & MOD	15	2.6	50,320	192,205	*	2,500	
110 APPRAIS FORST & RAN	13	2.7	73,937	184,869	*	0	
111 BIOL CULT MGMT FORS	62	14.4	444,215	1,131,554	*	26,059	
112 IMPROV RANGE RESOR	1	0.5	67,739	120,514	*	0	
113 REMOTE SENSING	13	1.5	38,975	124,936	*	9,179	
SUBTOTAL	254	69.6	1,595,911	4,915,389	*	122,150	
SERIES 200							
201 CNTRL FORST INSECTS	38	16.9	286,319	1,091,656	*	94,549	
202 CONTROL FOREST DIS	16	6.1	133,348	336,778	*	1,071	
203 FOREST FIRE PROTECT	1	0.2	0	11,110	*	0	
204 CNTR PESTS FRT & VE	74	26.6	348,374	1,987,959	*	108,334	
205 CNTR DISE FRT & VEG	116	43.9	682,748	2,734,682	*	102,862	
206 CNTR WEEDS FRT & VE	31	8.1	197,269	635,193	*	7,272	
207 CNTR PESTS FLD CROP	30	7.1	140,074	727,179	*	147,549	
208 CNTR DIS FIELD CROP	49	13.9	243,649	923,485	*	1,371	
209 CNTR WEEDS FLD CROP	21	5.7	170,245	426,599	*	15,684	
210 CNTR PESTS ANMHLS	11	2.6	52,288	203,875	*	7,153	
211 CNTR DIS ANMHLS	102	62.9	768,287	4,406,274	*	38,637	
212 CNTR INTR PARASITE	10	5.0	49,777	227,824	*	0	
213 PROT ANMHLS FROM TOX	10	4.1	9,611	273,934	*	0	
214 PROTECT FROM POLLUT	36	11.0	259,727	803,767	*	16,657	
SUBTOTAL	546	216.2	3,341,716	14,790,513	*	541,139	
SERIES 300							
301 GENET BREED FORST T	12	4.0	159,725	291,861	*	11,491	
302 IMP FOREST ENG SYS	4	2.4	55,118	113,020	*	0	
303 ECON TIMBER PRODUCT	6	1.6	21,552	56,028	*	0	
304 IMP BIO EFF FRT & V	161	55.5	972,587	4,070,401	*	28,175	
305 MECH PROD FRT & VEG	28	9.4	219,216	617,422	*	131	
306 PROD MGMT SYS F & V	9	2.6	65,480	141,059	*	3,217	
307 IMP BIO EFF FLD CRP	111	34.3	599,373	2,591,855	*	200,505	
308 MECH PROD FIELD CRO	7	2.4	48,071	125,908	*	0	
309 PROD MGMT SYS FLD C	19	3.7	95,756	462,395	*	10,062	
310 ANIMAL REPRODUCTIO	42	17.0	487,138	1,729,992	*	0	
311 IMP BIO EFF ANML PR	163	55.8	1,248,491	6,188,508	*	47,005	
312 ENV STRESS IN ANML	20	7.2	175,286	494,651	*	0	
313 PROD MGMT SYS ANML	21	4.9	48,454	963,791	*	42,023	
314 BEES OTH POLLNNG I	7	2.7	45,779	162,441	*	3,003	
315 IMP STRUC FARM SUPP	21	6.8	100,496	524,577	*	90,205	
316 FARM BUSINESS MGMT	14	7.5	144,190	367,516	*	3,188	
317 MECH/STRUCTS ANML P	9	2.1	28,103	137,189	*	0	
318 NON-COM BIO TECH/BI	184	69.6	886,752	4,952,217	*	38,009	
SUBTOTAL	838	289.4	5,405,567	23,990,832	*	477,012	
SERIES 400							
401 NEW IMP FOREST PROD	38	17.1	252,352	841,173	*	13,409	
402 PROD F & V IMP ACCE	40	8.5	94,573	555,443	*	2,171	
403 NEW & IMP F&V PROD	47	15.6	193,458	907,696	*	176	
404 MKT QUAL FRTS & VEG	59	20.3	706,237	1,654,886	*	23,092	
405 PROD FLD CROP IMP A	17	4.8	80,044	401,986	*	40,787	
406 NEW IMP FOOD FLD CR	13	2.9	19,825	188,423	*	33,133	
407 NEW IMP NON-FOOD FC	2	0.4	4,933	74,439	*	0	
408 MKT QUAL FIELD CROP	5	1.6	65,366	229,270	*	5,122	
409 PROD ANML PR IMP AC	18	5.1	149,895	476,991	*	0	
410 IMP MEAT MILK EGG P	47	13.2	213,176	1,244,612	*	0	
411 IMP NON-FOOD ANML P	2	0.0	518	4,423	*	0	
412 MKT QUAL ANIMAL PRO	23	6.8	236,316	593,414	*	5,122	
SUBTOTAL	311	96.1	2,016,692	7,172,757	*	123,012	
SERIES 500							
501 IMP GRADES & STANDS	7	1.6	33,756	104,876	*	30	
502 MKTG TIMBER PRODUCT	4	1.1	23,710	61,605	*	8,034	
503 MKTG EFF AGRI PRODS	31	8.0	212,969	421,916	*	35,540	
506 SPLY DEMAND AND PRI	22	7.0	229,711	353,338	*	0	
507 COMP REL IN AGRIC	7	0.9	26,976	53,508	*	1,000	
508 DOMESTIC MKT DEVELP	5	0.8	19,754	81,467	*	0	
509 PERFORMANCE MKTG SY	22	8.5	279,858	449,192	*	30,917	
510 GROUP ACT MKT POWER	3	0.3	10,338	17,968	*	0	
511 IMP AGRIC STATISTIC	3	1.0	15,093	41,449	*	0	
512 IMP GRADES FRST PRO	1	0.1	1,683	3,285	*	0	
513 PRICE ANAL FRST PRO	2	0.3	9,131	12,699	*	0	
SUBTOTAL	107	29.4	862,975	1,601,303	*	75,521	
SERIES 600							
601 FGN MKT DEVELP	4	1.6	45,020	110,260	*	0	
602 EVAL FGN FOOD AID P	1	0.1	0	5,438	*	0	
603 TECH AID DEV CRTY	6	6.5	2,637	135,738	*	0	
SUBTOTAL	11	8.2	47,657	251,436	*	0	
SERIES 700							
701 TOX RES IN FOOD	28	16.8	422,117	1,237,798	*	215,720	
702 FOOD PROT FROM TOX	26	9.7	237,561	668,039	*	32,444	
703 FOOD CONSUMP HABITS	31	8.9	236,036	619,295	*	18,673	
704 HOME COMM FOOD SERV	7	1.0	53,005	94,227	*	6,204	
705 SEL CARE CLOTH & TE	7	1.5	38,237	68,127	*	0	
706 CONTR INSECTS APP M	25	13.9	132,469	817,781	*	50,305	
707 TRANS ANML MAN DI	7	2.1	33,124	132,657	*	15,119	
708 HUMAN NUTRITION	72	17.6	459,450	1,888,831	*	118,092	
709 REDUCE HAZ HLTH & S	9	2.1	56,454	146,530	*	0	
SUBTOTAL	212	73.5	1,668,452	5,673,283	*	456,556	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA	WITH SAES
CATEGORY	OF	YEARS	CSRS ADMSTED	(GROSS)	SYS	AMOUNT
	PROJ	1977	(GROSS) 1977	1977	1977	1977
SERIES 800						
801 RURAL HOUSING	4	3.0	15,350	128,087	*	0
802 INDIV & FAM DEC MAK	16	3.0	92,505	334,065	*	16,841
803 RURAL POVERTY	1	0.6	14,898	36,764	*	0
804 ECON POTENT RURL PE	12	6.2	39,762	414,983	*	106,296
805 COMMUNICAT RURAL PE	40	9.8	91,849	796,999	*	132,889
806 ADJUSTMENT TO CHANG	15	4.8	102,404	421,840	*	15,021
807 AGRIC ECONOMIC CHAN	9	1.5	20,680	91,810	*	5,578
SUBTOTAL	101	28.9	377,447	2,224,547	*	278,625
SERIES 900						
901 ALLEV POLLUTION	134	53.5	833,123	3,835,725	*	172,496
902 OUTDOOR RECREATION	40	10.8	332,421	673,509	*	16,024
903 MULTI-USE-FOREST PO	17	4.9	123,249	290,310	*	2,588
904 WLDLFE AND FISH ECO	108	31.6	355,598	2,848,845	*	155,636
905 TREES BEAUTIFICATIO	12	4.8	123,762	251,508	*	8,478
906 ORNAMENT & TURF DEV	122	33.0	635,255	2,499,833	*	5,245
907 RURAL INCOME IMP	27	9.4	278,833	497,239	*	31,218
908 RURAL INSTITUT IMP	68	22.8	665,329	1,610,267	*	46,154
990 UNCLASSIFIED	9	21.1	68,436	3,059,960	*	79,418
SUBTOTAL	537	191.8	3,416,007	15,647,195	*	517,257
SCIENCE IN SERV OF MAN						
GRAND TOTAL	2917	1003.2	18,732,423	76,267,254	*	2,591,271

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SAES REGION 2 SOUTHERN REGION						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	(INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	313	101.8	1,137,806	7,908,788	*	634,715
0200 WATER	198	60.1	702,329	4,923,362	*	392,903
0300 WATERSHEDS RIVER BAS	38	11.0	165,264	762,778	*	62,383
0400 AIR AND CLIMATE	24	3.9	61,233	319,026	*	1,593
0500 RECREATION RESOURCES	39	10.3	143,065	674,180	*	50,686
0600 TIMBER FORST PRODUCT	393	148.0	2,887,972	11,806,245	*	674,616
0700 RANGE	54	12.8	149,331	1,354,895	*	9,093
0800 WILDLIFE AND FISH	220	83.5	940,868	6,593,791	*	303,714
0900 CITRUS SUB TROP FRUT	133	70.0	518,531	5,158,517	*	57,206
1000 FRUIT NUTS DECIDUOUS	330	109.7	1,522,046	8,711,957	*	302,523
1100 POTATOES	35	7.9	80,333	663,861	*	9,227
1200 VEGETABLES	468	203.0	2,133,967	14,328,239	*	801,289
1300 ORNAMENTALS TURF	203	90.6	1,004,467	6,236,915	*	70,658
1400 CORN	221	43.0	664,016	3,621,127	*	34,301
1500 GRAIN SORGHUM	136	22.4	285,932	2,025,191	*	43,269
1600 RICE	76	29.7	189,961	2,214,749	*	52,977
1700 WHEAT	123	22.5	349,867	1,762,463	*	40,276
1800 OTHER SMALL GRAINS	109	22.7	284,344	1,910,435	*	695,424
1900 PASTURE	101	24.8	204,030	2,213,178	*	141,227
2000 FORAGE CROPS	290	93.2	1,316,610	7,997,092	*	170,406
2100 COTTON	288	94.2	1,467,069	9,885,768	*	742,341
2200 COTTONSEED	10	1.7	33,383	128,389	*	22,567
2300 SOYBEANS	392	108.0	1,699,648	9,234,989	*	639,067
2400 PEANUTS	140	47.3	462,726	4,017,570	*	347,657
2500 OTHER OILSEED CROPS	16	1.5	5,617	149,278	*	8,496
2600 TOBACCO	138	53.1	689,900	5,448,181	*	90,488
2700 SUGAR CROPS	66	37.1	669,905	2,795,732	*	21,158
2800 MISC NEW CROPS	42	8.2	164,551	555,213	*	5,913
2900 POULTRY	293	95.3	2,140,486	9,770,017	*	562,518
3000 BEEF CATTLE	499	170.0	3,537,652	21,087,334	*	1,120,690
3100 DAIRY CATTLE	327	116.2	2,603,341	13,258,439	*	332,575
3200 SWINE	190	57.2	1,185,092	6,837,026	*	387,638
3300 SHEEP AND WOOL	82	14.8	346,739	1,771,054	*	52,268
3400 OTHER ANIMALS	109	30.7	460,559	2,720,854	*	265,513
3500 BEES AND HONEY	5	2.0	21,981	98,225	*	11,754
3600 FARM SUPP & FACILITS	26	10.6	102,399	669,406	*	284,825
3700 CLOTHING & TEXTILES	24	6.6	104,488	296,073	*	81,299
3800 FOOD	134	45.1	913,870	3,153,210	*	879,738
3900 HOUSING & EQUIP	59	17.2	183,285	1,135,984	*	221,758
4000 PEOPLE AS INDIVIDUAL	231	58.7	1,002,464	4,216,295	*	1,448,970
4100 FAMILY MEMBERS	75	18.3	253,463	939,380	*	397,640
4200 FARM AS BUSINESS	68	25.8	480,971	1,415,379	*	192,934
4300 SOC POLIT ORGANIZ	131	37.2	935,852	2,205,156	*	434,155
4400 AGRIC ECONOMY U S	21	9.5	89,879	541,258	*	30,507
4600 FARM COOPERATIVES	14	2.7	42,093	245,667	*	145,532
4700 OTH MARKET PROCESS	16	2.2	51,754	176,278	*	0
4800 MARKETING SYSTEMS	23	8.0	170,765	551,736	*	173,790
6100 WEEDS	21	3.6	37,841	277,755	*	31,248
6200 SEED RESEARCH	4	0.7	37,260	104,970	*	5,091
6300 BIO CELL SYSTEMS	36	12.1	106,966	1,070,462	*	13,284
6400 EXP DESIGN/STAT METH	10	6.2	21,502	512,463	*	10,484
6500 INVERTEBRATES	61	23.2	150,996	1,534,708	*	17,151
6600 MICROORGANISMS, VIRUS	46	24.8	158,689	2,061,349	*	49,176
6700 PLANTS	160	55.1	836,043	5,382,256	*	389,439
6800 ANIMALS (VERTEBRATES)	65	15.9	254,405	1,562,619	*	37,470
6900 RESEARCH ON RSCH MGM	8	5.6	175,600	376,709	*	0
7000 RSCH EQUIP & TECHNOL	17	4.3	11,217	319,673	*	0
9900 UNCLASSIFIED	15	62.4	303,920	4,961,946	*	285,294
TOTAL	7366	2463.9	36,656,342	212,655,591	*	14,288,914

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPE/	TOTAL FUNDS	USDA CON/GT/CA WITH SAES	
CATEGORY	OF	YEARS	CSRS ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1977	(GROSS) 1977	1977	1977	1977
SERIES 100						
101 APPRAIS OF SOIL RES	52	21.6	273,132	1,787,196	*	36,374
102 SOIL PLNT WTR NUTRI	166	48.3	468,289	3,929,726	*	183,730
103 MGMT OF SALINE SOIL	11	3.4	15,328	308,321	*	29,266
104 ALTERN USE OF LAND	38	10.9	173,602	620,179	*	682
105 CONSERV USE OF WATE	67	13.4	107,078	1,072,376	*	9,038
106 DRAIN AND IRRIGATIO	20	6.2	45,332	351,936	*	6,712
107 WATERSHED PROT & MG	37	9.6	182,588	1,628,544	*	123,024
108 ECON LEG PROB OF WA	10	4.9	42,563	205,507	*	0
109 WEATHER ADAPT & MOD	18	2.9	33,641	214,753	*	16,149
110 APPRAIS FORST & RAN	30	7.2	117,889	421,460	*	1,381
111 BIOL CULT MGMT FORS	120	37.2	887,388	2,985,266	*	81,080
112 IMPROV RANGE RESOR	42	10.6	133,430	1,133,098	*	9,093
113 REMOTE SENSING	7	2.9	43,605	263,115	*	0
114 RSCH ON MGMT OF RSC	6	5.6	175,600	376,709	*	0
SUBTOTAL	626	184.8	2,699,466	15,298,184	*	496,528
SERIES 200						
201 CNTRL FORST INSECTS	67	20.7	269,479	2,143,127	*	262,358
202 CONTROL FOREST DIS	50	18.5	383,730	1,127,758	*	46,667
203 FOREST FIRE PROTECT	11	0.9	0	97,764	*	33,260
204 CNTR PESTS FRT & VE	110	44.1	477,777	3,227,469	*	293,847
205 CNTR DISE FRT & VEG	232	76.7	708,774	5,497,710	*	178,515
206 CNTR WEEDS FRT & VE	57	20.2	218,722	1,382,334	*	63,571
207 CNTR PESTS FLD CROP	232	76.5	1,306,453	6,703,854	*	379,329
208 CNTR DIS FIELD CROP	290	97.9	1,354,135	7,128,540	*	440,309
209 CNTR WEEDS FLD CROP	126	44.0	591,455	4,058,752	*	135,206
210 CNTR PESTS ANIMALS	39	16.4	262,410	1,269,877	*	210,553
211 CNTR DIS ANIMALS	130	65.2	812,090	5,250,223	*	350,346
212 CNTR INTER PARASITE	40	13.5	210,309	1,663,134	*	13,150
213 PROT ANMLS FROM TOX	24	6.6	114,393	780,089	*	9,688
214 PROTECT FROM POLLUT	61	13.2	128,646	1,294,524	*	292,032
SUBTOTAL	1469	514.5	6,838,372	41,625,156	*	2,708,834
SERIES 300						
301 GENET BREED FORST T	44	15.6	432,203	1,409,558	*	2,146
302 IMP FOREST ENG SYS	9	2.8	49,945	295,619	*	3,909
303 ECON TIMBER PRODUCT	12	9.0	90,747	638,019	*	65,857
304 IMP BIO EFF FRT & V	393	151.1	1,259,663	11,600,530	*	474,235
305 MECH PROD FRT & VEG	72	18.9	196,958	1,408,299	*	30,463
306 PROD MGMT SYS F & V	29	11.2	123,949	834,769	*	11,874
307 IMP BIO EFF FLD CRP	708	285.8	3,350,886	28,363,925	*	1,243,027
308 MECH PROD FIELD CRO	59	16.4	252,333	1,477,677	*	85,233
309 PROD MGMT SYS FLD C	75	21.7	324,272	1,941,455	*	94,477
310 ANIMAL REPRODUCTION	171	66.3	1,490,898	8,266,780	*	382,288
311 IMP BIO EFF ANML PR	499	179.5	3,868,854	24,789,471	*	935,045
312 ENV STRESS IN ANML	63	15.8	271,118	1,668,956	*	42,456
313 PRCD MGMT SYS ANML	112	27.3	447,870	3,770,339	*	199,421
314 BEES OTH POLLNTNG I	5	2.0	21,981	98,225	*	11,754
315 IMP STRUC FARM SUPP	29	11.3	89,365	841,238	*	309,348
316 FARM BUSINESS HGHT	56	21.6	421,729	1,225,757	*	130,646
317 MECH/STRUCTS ANML P	31	5.5	52,704	548,584	*	44,458
318 NON-COM BIO TECH/BI	211	94.1	746,081	7,698,362	*	177,265
SUBTOTAL	2578	955.9	13,491,555	96,878,562	*	4,243,902
SERIES 400						
401 NEW IMP FOREST PROD	47	25.6	421,279	1,768,470	*	19,383
402 PROD F & V IMP ACCE	91	16.1	232,951	1,359,007	*	18,894
403 NEW & IMP F&V PROD	63	23.7	467,892	1,850,730	*	15,968
404 MKT QUAL FRTS & VEG	44	14.1	311,420	903,185	*	14,563
405 PROD FLD CROP IMP A	101	27.0	319,973	2,283,582	*	252,669
406 NEW IMP FOOD FLD CR	34	10.5	174,402	868,427	*	131,870
407 NEW IMP NON-FOOD FC	22	7.9	168,365	540,585	*	13,476
408 MKT QUAL FIELD CROP	24	6.9	101,111	379,390	*	9,107
409 PROD ANML PR IMP AC	56	11.3	300,987	1,216,500	*	193,012
410 IMP MEAT MILK EGG P	92	31.3	909,398	2,642,953	*	79,521
411 IMP NON-FOOD ANML P	6	1.0	17,831	197,943	*	0
412 MKT QUAL ANIMAL PRO	39	9.7	220,947	871,241	*	38,821
SUBTOTAL	619	185.0	3,646,555	14,882,010	*	787,285
SERIES 500						
501 IMP GRADES & STANDS	37	12.4	276,477	946,211	*	11,432
502 MKTG TIMBER PRODUCT	13	2.7	67,275	152,288	*	2,674
503 MKTG EFF AGRI PRODS	89	21.5	581,944	1,316,397	*	153,650
506 SPLY DEMAND AND PRI	71	18.3	721,243	1,185,129	*	26,675
507 COMP REL IN AGRIC	23	3.6	114,248	211,868	*	15,625
508 DOMESTIC MKT DEVELP	27	4.6	125,662	243,550	*	626
509 PERFORMANCE MKTG SY	59	19.7	644,627	1,216,885	*	110,497
510 GROUP ACT MKT POWER	11	2.7	30,117	237,116	*	129,159
511 IMP AGRIC STATISTIC	4	0.9	1,262	59,059	*	0
513 PRICE ANAL PRST PRO	6	1.4	33,316	88,957	*	0
SUBTOTAL	340	87.6	2,596,171	5,657,460	*	450,338
SERIES 600						
601 FGN MKT DEVELP	9	3.2	110,382	206,638	*	1,627
603 TECH AID DEV CRTY	4	0.0	0	26,364	*	2,338
604 PRD DVLPMT/MKTG FRG	5	0.4	7,306	41,065	*	0
SUBTOTAL	18	3.7	117,688	274,071	*	3,965
SERIES 700						
701 TOX RES IN FOOD	33	13.3	295,177	1,303,765	*	272,944
702 FOOD PROT FROM TOX	48	13.0	289,941	914,500	*	80,887
703 FOOD CONSUMP HABITS	68	16.6	162,313	1,021,384	*	650,334
704 HOME COMM FOOD SERV	9	2.5	25,047	145,863	*	24,291
705 SEL CARE CLOTH & TE	23	6.4	91,401	274,461	*	81,299
706 CONTR INSECTS APF M	23	6.6	67,109	507,321	*	7,314
707 TRANS ANML MAN DI	5	1.0	616	88,108	*	26,031
708 HUMAN NUTRITION	114	36.6	499,506	2,421,662	*	956,815
709 REDUCE HAZ HLTH & S	19	5.4	62,877	383,773	*	67,282
SUBTOTAL	342	101.4	1,493,986	7,060,836	*	2,167,195

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA CON/GT/CA WITH SAES	
CATEGORY	OF	YEARS	CSRS ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1977	(GROSS) 1977	1977	1977	1977
SERIES 800						
801 RURAL HOUSING	17	7.4	140,246	390,986	*	90,019
802 INDIV & FAM DEC MAK	51	11.4	182,733	543,326	*	153,756
803 RURAL POVERTY	25	7.0	119,197	443,165	*	171,073
804 ECON POTENT RURL PE	57	10.1	242,629	676,076	*	237,903
805 COMMUNICAT RURL PE	20	4.1	47,519	547,274	*	114,871
806 ADJUSTMENT TO CHANG	55	12.1	283,861	819,515	*	256,745
807 AGRIC ECONOMIC CHAN	35	12.2	127,372	645,594	*	92,795
808 GOV'T PROGRAMS	9	2.5	75,183	157,807	*	0
SUBTOTAL	269	66.9	1,218,739	4,223,744	*	1,117,161
SERIES 900						
901 ALLEV POLLUTION	213	81.4	1,231,503	6,190,440	*	975,941
902 OUTDOOR RECREATION	34	10.1	137,982	637,144	*	50,686
903 MULTI-USE-FOREST PO	28	4.1	90,298	358,194	*	58,389
904 WDLFE AND FISH ECO	185	72.8	771,363	5,769,394	*	263,236
905 TREES BEAUTIFICATIO	17	3.1	41,719	201,024	*	40,412
906 ORNAMENT & TURF DEV	200	90.0	996,880	6,174,765	*	30,246
907 RURAL INCOME IMP	74	18.7	414,206	1,109,805	*	354,551
908 RURAL INSTITUT IMP	82	21.5	565,940	1,352,858	*	254,953
990 UNCLASSIFIED	15	62.4	303,920	4,961,946	*	285,294
SUBTOTAL	848	364.1	4,553,809	26,755,569	*	2,313,707
SCIENCE IN SERV OF MAN						
GRAND TOTAL	7109	2463.9	36,656,342	212,655,591	*	14,288,914

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SAES REGION 3 NORTH CENTRAL REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PEG FED A&PR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA WITH SAES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	356	109.0	1,723,061	10,017,445	*	253,499
0200 WATER	217	45.1	548,356	4,335,920	*	45,435
0300 WATERSHEDS RIVER BAS	38	9.9	121,374	961,725	*	47,340
0400 AIR AND CLIMATE	43	13.6	298,161	1,462,545	*	127,347
0500 RECREATION RESOURCES	55	13.3	245,004	956,002	*	11,640
0600 TIMBER FORST PRODUCT	305	96.5	1,812,136	7,123,903	*	215,222
0700 RANGE	46	13.2	137,415	905,020	*	22,274
0800 WILDLIFE AND FISH	121	25.9	218,385	2,533,113	*	11,790
0900 CITRUS SUB TROP FRUIT	1	0.3	2,847	20,454	*	0
1000 FRUIT NUTS DECIDUOUS	141	51.9	664,685	4,086,985	*	33,180
1100 POTATOES	88	22.9	458,562	1,907,823	*	1,601
1200 VEGETABLES	228	59.0	957,758	4,660,170	*	50,297
1300 ORNAMENTALS TURF	121	41.2	504,280	3,390,666	*	46,637
1400 CORN	396	99.1	1,722,922	9,461,837	*	305,996
1500 GRAIN SORGHUM	122	26.1	309,878	2,074,880	*	27,987
1600 RICE	10	4.3	8,180	342,349	*	0
1700 WHEAT	295	70.8	985,884	5,713,549	*	199,050
1800 OTHER SMALL GRAINS	137	29.6	520,841	2,871,733	*	12,197
1900 PASTURE	38	7.0	128,808	870,924	*	25,319
2000 FORAGE CROPS	228	54.2	1,036,508	5,009,605	*	159,605
2100 COTTON	9	4.6	49,653	297,811	*	917
2300 SOYBEANS	312	81.4	1,279,154	7,010,452	*	466,324
2400 PEANUTS	1	0.0	2,084	3,905	*	0
2500 OTHER OILSEED CROPS	43	7.4	78,711	506,396	*	26,308
2600 TOBACCO	5	1.6	9,860	109,283	*	0
2700 SUGAR CROPS	36	5.8	64,578	551,755	*	1,881
2800 MISC NEW CROPS	29	8.4	95,577	652,919	*	22,040
2900 POULTRY	192	56.1	1,484,669	5,838,850	*	42,872
3000 BEEF CATTLE	353	95.4	2,204,896	16,725,724	*	1,045,788
3100 DAIRY CATTLE	340	106.0	2,574,979	13,077,044	*	244,444
3200 SWINE	278	84.4	1,961,817	12,102,963	*	647,638
3300 SHEEP AND WOOL	117	23.3	409,405	3,035,895	*	96,066
3400 OTHER ANIMALS	106	22.8	275,996	2,062,994	*	24,774
3500 BEES AND HONEY	10	4.7	7,288	234,541	*	0
3600 FARM SUPP & FACILITS	46	10.7	168,183	1,103,160	*	24,134
3700 CLOTHING & TEXTILES	20	7.2	138,729	361,924	*	0
3800 FOOD	165	45.7	946,106	4,121,575	*	274,824
3900 HOUSING & EQUIP	67	15.1	220,303	1,180,587	*	114,995
4000 PEOPLE AS INDIVIDUAL	197	49.4	715,733	4,026,320	*	331,378
4100 FAMILY MEMBERS	86	18.1	390,632	1,321,122	*	61,626
4200 FARM AS BUSINESS	65	18.8	465,520	1,168,058	*	24,822
4300 SOC POLIT ORGANIZ	148	40.3	862,727	2,786,828	*	131,366
4400 AGRIC ECONOMY U S	48	13.0	273,325	1,219,666	*	109,017
4500 AGRIC ECONOMY FORGN	13	3.7	44,925	800,340	*	461,908
4600 FARM COOPERATIVES	18	3.2	158,106	265,020	*	6,634
4700 OTH MARKET PROCESS	11	1.8	51,670	155,723	*	5,020
4800 MARKETING SYSTEMS	46	10.5	341,570	788,936	*	73,925
6100 WEEDS	9	1.0	20,575	118,480	*	0
6200 SEED RESEARCH	2	1.2	2,436	351,554	*	0
6300 BIO CELL SYSTEMS	84	33.4	236,819	3,229,577	*	4,379
6400 EXP DESIGN/STAT METH	25	10.2	106,896	846,600	*	232,870
6500 INVERTEBRATES	45	17.5	226,086	1,448,312	*	0
6600 MICROORGANISMS, VIRUS	71	27.0	193,715	2,523,806	*	25,598
6700 PLANTS	151	57.6	644,632	5,816,208	*	192,959
6800 ANIMALS (VERTEBRATES)	114	38.3	480,418	4,600,661	*	37,929
6900 RESEARCH ON RSCH MGM	10	2.7	5,515	133,377	*	43,033
7000 RSCH EQUIP & TECHNOL	36	8.9	147,373	875,036	*	25,049
9900 UNCLASSIFIED	14	38.2	672,230	5,443,545	*	210,603
TOTAL	6308	1768.2	30,417,936	175,603,989	*	6,607,535

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION						
(INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	63	22.5	286,695	1,764,647	*	7,490
102 SOIL PLNT WTR NUTRI	166	48.9	743,998	4,507,257	*	18,573
103 MGMT OF SALINE SOIL	6	1.5	0	109,543	*	0
104 ALTERN USE OF LAND	64	19.9	337,365	1,650,143	*	42,967
105 CONSERV USE OF WATE	61	14.2	99,475	1,226,672	*	0
106 DRAIN AND IRRIGATIO	31	7.4	81,732	857,050	*	3,516
107 WATERSHED PROT & MG	40	13.6	198,799	1,274,074	*	73,878
108 ECON LEG PROB OF WA	15	3.5	52,700	267,815	*	0
109 WEATHER ADAPT & MOD	37	12.0	281,152	1,361,947	*	127,924
110 APPRAIS FORST & RAN	33	5.3	73,710	370,477	*	22,208
111 BIOL CULT MGMT FORS	102	28.8	533,093	2,445,477	*	44,210
112 IMPROV RANGE RESOR	27	7.1	68,659	532,137	*	7,876
113 REMOTE SENSING	22	3.3	60,931	532,787	*	24,711
114 RSCH ON MGMT OF RSC	10	2.7	5,515	133,377	*	43,033
SUBTOTAL	677	190.6	2,815,823	17,033,402	*	416,384
SERIES 200						
201 CNTRL FORST INSECTS	35	7.2	170,164	539,550	*	17,418
202 CONTROL FOREST DIS	38	6.0	176,052	525,964	*	3,607
203 FOREST FIRE PROTECT	1	0.2	0	25,090	*	0
204 CNTR PESTS FRT & VE	51	13.9	175,885	1,187,927	*	44,382
205 CNTR DISE FRT & VEG	113	34.4	409,507	2,158,378	*	12,224
206 CNTR WEEDS FRT & VE	27	8.3	82,813	568,890	*	602
207 CNTR PESTS FLD CROP	122	44.2	782,609	3,858,342	*	165,356
208 CNTR DIS FIELD CROP	206	67.0	1,069,296	5,018,181	*	111,309
209 CNTR WEEDS FLD CROP	75	19.3	296,632	2,245,578	*	22,997
210 CNTR PESTS ANIMALS	23	5.5	45,466	439,759	*	15,762
211 CNTR DIS ANIMALS	172	59.7	1,018,352	6,785,493	*	366,203
212 CNTR INTER PARASITE	22	6.4	72,564	609,674	*	306
213 PROT ANMLS FROM TOX	32	5.5	121,972	583,671	*	55
214 PROTECT FROM POLLUT	73	14.4	207,082	1,267,248	*	31,092
SUBTOTAL	990	292.0	4,628,394	25,813,742	*	791,312
SERIES 300						
301 GENET BREED FORST T	42	9.4	362,375	843,979	*	10,822
302 IMP FOREST ENG SYS	3	0.7	18,931	36,116	*	0
303 ECON TIMBER PRODUCT	13	3.6	68,134	263,869	*	19,555
304 IMP BIO EFF FRT & V	165	55.3	760,670	5,068,116	*	51,806
305 MECH PROD FRT & VEG	20	4.9	93,489	443,583	*	0
306 PROD MGMT SYS F & V	16	2.2	42,976	205,704	*	0
307 IMP BIO EFF FLD CRP	459	196.5	2,416,988	19,109,996	*	667,796
308 MECH PROD FIELD CRO	34	8.4	137,731	860,667	*	15,322
309 PROD MGMT SYS FLD C	64	13.0	165,195	1,209,108	*	70,707
310 ANIMAL REPRODUCTION	135	47.8	1,071,908	7,576,913	*	552,983
311 IMP BIO EFF ANML PR	407	153.2	3,377,464	25,651,464	*	800,110
312 ENV STRESS IN ANML	55	18.1	397,297	2,206,916	*	44,579
313 PROD MGMT SYS ANML	100	19.8	344,267	3,233,950	*	67,335
314 BEES OTH POLLNTNG I	10	4.7	7,288	234,541	*	0
315 IMP STRUC FARM SUPP	47	13.4	149,509	1,197,336	*	107,079
316 FARM BUSINESS MGMT	51	14.3	387,830	912,881	*	16,043
317 MECH/STRUCTS ANML P	23	3.5	62,090	306,403	*	21,428
318 NON-COM BIO TECH/BI	292	113.6	998,450	10,654,945	*	28,532
SUBTOTAL	1936	682.3	10,862,592	80,016,505	*	2,474,097
SERIES 400						
401 NEW IMP FOREST PROD	33	26.9	259,399	1,363,563	*	63,874
402 PROD F & V IMP ACCE	40	9.2	125,263	636,319	*	1,921
403 NEW & IMP F&V PROD	37	9.2	301,267	674,453	*	9,785
404 MKT QUAL FRTS & VEG	27	5.3	178,744	445,996	*	18,128
405 PROD FLD CROP IMP A	74	21.1	338,272	1,531,503	*	44,382
406 NEW IMP FOOD FLD CR	69	21.1	475,517	1,831,843	*	110,998
407 NEW IMP NON-FOOD FC	19	6.1	59,617	430,384	*	15
408 MKT QUAL FIELD CROP	45	11.3	232,420	860,966	*	92,376
409 PROD ANML PR IMP AC	61	15.1	607,438	2,050,170	*	86,842
410 IMP HEAT MILK EGG P	107	33.4	834,489	2,625,932	*	43,063
411 IMP NON-FOOD ANML P	4	0.2	4,123	19,698	*	0
412 MKT QUAL ANIMAL PRO	40	10.5	296,800	933,804	*	5,597
SUBTOTAL	556	169.4	3,713,348	13,404,632	*	476,980
SERIES 500						
501 IMP GRADES & STANDS	16	2.6	73,640	220,835	*	325
502 MKTG TIMBER PRODUCT	5	1.0	18,441	52,545	*	7,884
503 MKTG EFF AGRI PRODS	74	17.0	616,727	1,604,094	*	92,567
506 SPLY DEMAND AND PRI	40	9.3	248,192	738,207	*	78,051
507 COMP REL IN AGRIC	17	2.0	82,545	189,230	*	17,142
508 DOMESTIC MKT DEVELP	10	0.9	32,921	71,769	*	22
509 PERFORMANCE MKTG SY	43	13.6	424,103	1,014,716	*	89,495
510 GROUP ACT MKT POWER	10	1.7	104,102	154,807	*	13,870
511 IMP AGRIC STATISTIC	16	4.1	70,721	507,538	*	232,421
512 IMP GRADES FRST PRO	5	0.4	4,954	38,131	*	21,563
513 PRICE ANAL FRST PRO	3	0.1	14,958	28,462	*	123
SUBTOTAL	239	52.6	1,691,205	4,620,333	*	553,462
SERIES 600						
601 FGN MKT DEVELP	30	5.2	197,181	443,099	*	21,465
602 EVAL FGN FOOD AID P	2	0.2	9,977	16,813	*	0
603 TECH AID DEV CRTY	19	10.3	6,632	809,987	*	450,339
604 PRD DVLPMT/MKTG FRG	1	0.1	0	17,259	*	0
SUBTOTAL	52	15.7	213,789	1,287,158	*	471,804
SERIES 700						
701 TOX RES IN FOOD	33	8.2	202,277	828,576	*	114,337
702 FOOD PROT FROM TOX	68	19.8	392,736	1,971,015	*	284
703 FOOD CONSUMP HABITS	52	9.5	131,932	592,881	*	171,948
704 HOME COMM FOOD SERV	29	6.1	166,007	395,329	*	229
705 SEL CARE CLOTH & TE	18	7.0	129,381	338,509	*	0
706 CONTR INSECTS AFF M	21	7.3	134,613	798,781	*	0
707 TRANS ANIML MAN DI	13	2.8	12,590	387,269	*	0
708 HUMAN NUTRITION	114	32.2	493,041	2,854,350	*	348,530
709 REDUCE HAZ HLTH & S	16	2.2	27,365	140,202	*	5,850
SUBTOTAL	364	95.1	1,689,942	8,306,912	*	641,177

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	20	3.0	53,413	176,877	*	2,391
802 INDIV & FAM DEC MAK	52	10.6	233,015	809,104	*	597
803 RURAL POVERTY	6	0.5	22,018	45,653	*	0
804 ECON POTENT RURL PE	22	7.7	222,675	463,516	*	1,890
805 COMMUNICAT RURL PE	43	10.9	106,237	1,040,810	*	1,771
806 ADJUSTMENT TO CHANG	64	16.9	349,056	1,333,652	*	0
807 AGRIC ECONOMIC CHAN	47	12.4	293,143	987,165	*	65,164
808 GOV'T PROGRAMS	19	2.4	62,995	264,193	*	32,057
SUBTOTAL	273	64.4	1,342,551	5,120,970	*	103,869
SERIES 900						
901 ALLEV POLLUTION	192	53.8	1,002,110	5,413,307	*	267,639
902 OUTDOOR RECREATION	48	12.0	228,457	878,770	*	11,640
903 MULTI-USE-FOREST PO	15	2.3	43,790	144,028	*	602
904 WLDLFE AND FISH ECO	103	22.0	187,566	2,084,050	*	9,962
905 TREES BEAUTIFICATIO	33	6.8	59,744	748,279	*	0
906 ORNAMENT & TURF DEV	114	38.1	485,880	2,953,556	*	46,637
907 RURAL INCOME IMP	44	9.3	203,285	659,530	*	53,594
908 RURAL INSTITUT IMP	90	23.5	577,230	1,675,269	*	77,772
990 UNCLASSIFIED	14	38.2	672,230	5,443,545	*	210,603
SUBTOTAL	653	206.0	3,460,291	20,000,336	*	678,449
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5740	1768.2	30,417,936	175,603,989	*	6,607,535

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SACS REGION 4 WESTERN REGION						
(INCLUDES SACS-FORESTRY SCH-OTHER INST)						
CLASSIFICATION	NO	SCIENTIST	REG FED APPR/	TOTAL FUNDS	USDA COM/GT/CA	WITH SACS
CATEGORY	OF	YEARS	CSRS ADMSTRD	(GROSS)	SYS	AMOUNT
	PROJ	1977	(GROSS) 1977	1977	1977	1977
0100 SOIL AND LAND	324	114.3	1,298,489	11,092,329	*	512,160
0200 WATER	214	66.3	667,117	6,209,370	*	172,245
0300 WATERSHEDS RIVER BAS	48	14.2	101,758	1,206,389	*	83,434
0400 AIR AND CLIMATE	48	21.8	114,485	2,991,730	*	41,578
0500 RECREATION RESOURCES	53	14.3	236,408	965,332	*	37,295
0600 TIMBER FORST PRODUCT	377	142.6	1,506,908	12,321,193	*	842,392
0700 RANGE	157	45.0	316,014	4,132,709	*	125,020
0800 WILDLIFE AND FISH	174	41.9	250,443	4,695,081	*	133,133
0900 CITRUS SUB TROP FRUT	145	55.7	361,095	5,417,568	*	155,652
1000 FRUIT NUTS DECIDUOUS	272	102.0	991,977	9,838,206	*	80,422
1100 POTATOES	97	33.4	250,150	2,618,378	*	85,139
1200 VEGETABLES	342	104.6	1,205,309	9,390,671	*	275,056
1300 GRNMENTALS TURF	134	43.0	229,237	3,295,543	*	25,691
1400 CORN	58	10.6	77,527	876,257	*	3,556
1500 GRAIN SORGHUM	32	3.9	20,482	291,734	*	1,733
1600 RICE	14	4.2	18,230	508,101	*	14,341
1700 WHEAT	161	44.4	457,123	3,871,479	*	191,833
1800 OTHER SMALL GRAINS	123	25.0	305,858	2,330,431	*	26,770
1900 PASTURE	29	5.9	15,953	446,190	*	8,250
2000 FORAGE CROPS	227	68.7	656,892	4,850,186	*	137,851
2100 COTTON	90	38.5	342,688	2,952,285	*	149,894
2200 COTTONSEED	4	1.3	15,057	112,873	*	0
2300 SOYBEANS	28	10.2	49,589	802,600	*	110,779
2400 PEANUTS	4	0.7	552	31,294	*	0
2500 OTHER OILSEED CROPS	24	5.6	57,910	691,540	*	24,778
2600 TOBACCO	1	0.7	9,296	46,233	*	0
2700 SUGAR CROPS	75	13.9	119,135	1,150,100	*	5,089
2800 MISC NEW CROPS	34	9.4	48,088	1,233,393	*	17,402
2900 POULTRY	94	37.4	482,969	3,527,266	*	18,149
3000 BEEF CATTLE	256	110.8	2,220,103	15,634,945	*	403,354
3100 DAIRY CATTLE	150	38.9	731,086	4,496,019	*	159,894
3200 SWINE	38	6.8	82,529	1,043,801	*	18,307
3300 SHEEP AND WOOL	105	29.9	572,739	2,584,928	*	25,090
3400 OTHER ANIMALS	59	15.2	159,030	1,375,630	*	1,716
3500 BEES AND HONEY	21	8.5	136,372	576,068	*	19,533
3600 FARM SUPP & FACILITS	22	4.3	78,249	328,838	*	15,433
3700 CLOTHING & TEXTILES	15	3.4	35,423	178,508	*	0
3800 FOOD	110	35.4	410,367	3,024,329	*	54,356
3900 HOUSING & EQUIP	48	15.3	61,297	1,565,820	*	37,119
4000 PEOPLE AS INDIVIDUAL	152	44.4	547,009	3,844,563	*	96,542
4100 FAMILY MEMBERS	35	8.6	163,200	431,480	*	15,000
4200 FARM AS BUSINESS	27	8.4	110,915	470,499	*	9,582
4300 SOC POLIT ORGANIZ	81	20.4	439,201	1,320,284	*	33,507
4400 AGRIC ECONOMY U S	22	5.8	118,875	349,876	*	7,111
4500 AGRIC ECONOMY FORGN	5	1.4	19,980	117,787	*	1,562
4600 FARM COOPERATIVES	12	1.6	18,792	83,768	*	565
4700 OTH MARKET PROCESS	8	0.7	17,053	31,748	*	565
4800 MARKETING SYSTEMS	23	4.9	111,967	260,979	*	16,435
6100 WEEDS	19	6.3	78,152	468,354	*	14,027
6200 SEED RESEARCH	10	4.5	24,047	286,440	*	0
6300 BIO CELL SYSTEMS	50	24.5	106,092	2,047,431	*	4,929
6400 EXP DESIGN/STAT METH	18	8.4	12,355	639,707	*	71,352
6500 INVERTEBRATES	110	47.4	265,124	4,402,164	*	27,076
6600 MICROORGANISMS,VIRUS	55	16.5	128,779	1,635,814	*	3,516
6700 PLANTS	198	68.7	544,509	6,099,701	*	44,843
6800 ANIMALS (VERTEBRATES)	75	45.2	142,829	4,182,886	*	44,314
6900 RESEARCH ON RSCH MGM	9	2.5	16,151	237,779	*	83,296
7000 RSCH EQUIP & TECHNOL	28	9.1	20,567	986,721	*	20,168
9900 UNCLASSIFIED	9	6.2	10,631	723,761	*	31,874
TOTAL	5153	1683.3	17,590,202	157,327,687	*	4,540,707

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	(INCLUDES SAES-FORESTRY SCH-OTHER INST) WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	57	22.9	264,394	1,889,002	*	75,186
102 SOIL PLNT WTR NUTRI	126	40.8	364,847	3,638,349	*	101,761
103 MGMT OF SALINE SOIL	33	9.7	86,549	1,057,027	*	33,391
104 ALTERN USE OF LAND	57	19.3	330,405	1,663,690	*	101,377
105 CONSERV USE OF WATE	98	27.8	278,211	2,331,230	*	38,529
106 DRAIN AND IRRIGATIO	42	15.5	81,320	1,157,679	*	24,761
107 WATERSHED PROT & MG	64	25.8	111,915	2,861,672	*	244,546
108 ECON LEG PROB OF WA	11	3.2	5,534	298,170	*	13,657
109 WEATHER ADAPT & MOD	37	17.7	129,377	2,494,920	*	28,245
110 APPRAIS FORST & RAN	38	10.4	117,261	726,695	*	83,358
111 BIOL CULT MGMT FORS	123	35.6	546,431	3,563,450	*	245,504
112 IMPROV RANGE RESOR	101	31.0	159,814	3,205,610	*	101,298
113 REMOTE SENSING	9	5.3	23,656	285,888	*	0
114 RSCH ON MGMT OF RSC	9	2.5	16,151	237,779	*	83,296
SUBTOTAL	805	266.8	2,515,867	25,411,162	*	1,174,909
SERIES 200						
201 CNTRL FORST INSECTS	55	16.3	136,337	1,479,131	*	182,932
202 CONTROL FOREST DIS	34	7.7	151,194	828,427	*	73,100
203 FOREST FIRE PROTECT	7	0.9	6,024	89,232	*	23,592
204 CNTR PESTS FRT & VE	117	42.8	482,488	4,038,975	*	101,408
205 CNTR DISE FRT & VEG	191	60.0	570,321	5,695,052	*	81,251
206 CNTR WEEDS FRT & VE	50	12.2	161,467	1,059,775	*	32,628
207 CNTR PESTS FLD CROP	99	38.1	394,583	3,168,742	*	140,359
208 CNTR DIS FIELD CROP	117	33.8	335,400	2,998,248	*	56,419
209 CNTR WEEDS FLD CROP	63	18.4	182,243	1,250,752	*	26,978
210 CNTR PESTS ANIMALS	18	5.1	43,080	309,665	*	3,027
211 CONTR DIS ANIMALS	75	56.0	661,706	6,072,430	*	429,003
212 CNTR INTER PARASITE	22	7.0	202,546	627,002	*	2,391
213 PROT ANHLS FROM TOX	23	4.0	89,878	430,999	*	12,235
214 PROTECT FROM POLLUT	59	16.1	93,799	1,995,345	*	74,358
SUBTOTAL	930	320.4	3,511,064	30,043,776	*	1,239,679
SERIES 300						
301 GENET BREED FORST T	34	8.1	103,903	732,785	*	54,912
302 IMP FOREST ENG SYS	11	5.8	22,394	336,551	*	38,613
303 ECON TIMBER PRODUCT	15	3.9	54,008	257,558	*	16,740
304 IMP BIO EFF FRT & V	282	102.4	752,004	9,784,306	*	156,475
305 MECH PROD FRT & VEG	48	13.0	114,526	1,032,730	*	14,025
306 PROD MGMT SYS F & V	29	5.1	35,527	413,159	*	15,951
307 IMP BIO EFF FLD CRP	303	126.3	873,675	10,550,081	*	307,655
308 MECH PROD FIELD CRO	15	3.4	32,171	338,195	*	14,012
309 PROD MGMT SYS FLD C	32	7.3	72,221	597,158	*	42,649
310 ANIMAL REPRODUCTION	85	35.6	701,269	4,158,458	*	98,862
311 IMP BIO EFF ANML PR	195	76.7	1,065,657	11,087,377	*	53,025
312 ENV STRESS IN ANML	34	24.9	180,142	3,146,057	*	39,842
313 PROD MGMT SYS ANML	39	10.9	132,763	1,368,621	*	5,428
314 BEES OTH POLLNTNG I	21	8.5	136,372	576,068	*	19,533
315 IMP STRUC FARM SUPP	12	6.5	1,724	941,213	*	0
316 FARM BUSINESS MGMT	17	6.0	87,335	302,353	*	8,558
317 MECH/STRUCTS ANML P	5	1.2	29,660	107,117	*	0
318 NON-COM BIO TECH/BI	314	139.7	801,752	12,516,590	*	88,167
SUBTOTAL	1495	585.4	5,197,099	58,246,378	*	974,446
SERIES 400						
401 NEW IMP FOREST PROD	68	30.9	215,413	2,057,957	*	50,006
402 PROD F & V IMP ACCE	68	13.3	116,733	1,446,532	*	11,436
403 NEW & IMP F&V PROD	53	22.9	171,080	1,952,301	*	77,090
404 MKT QUAL FRTS & VEG	68	20.9	262,705	1,939,809	*	11,691
405 PROD FLD CROP IMP A	41	15.5	228,674	1,314,664	*	10,138
406 NEW IMP FOOD FLD CR	18	2.3	52,445	309,737	*	0
407 NEW IMP NON-FOOD FC	7	0.9	12,983	120,278	*	1,296
408 MKT QUAL FIELD CROP	11	2.7	20,300	213,357	*	3,422
409 PROD ANML PR IMP AC	37	12.2	364,654	1,287,612	*	327
410 IMP MEAT MILK EGG P	33	8.5	199,967	855,852	*	9,218
411 IMP NON-FOOD ANML P	9	2.6	32,704	142,387	*	0
412 MKT QUAL ANIMAL PRO	22	4.3	110,572	406,037	*	263
SUBTOTAL	435	137.4	1,786,430	12,048,525	*	174,887
SERIES 500						
501 IMP GRADES & STANDS	10	3.3	46,891	214,162	*	0
502 MKTG TIMBER PRODUCT	6	1.5	18,302	84,425	*	8,129
503 MKTG EFF AGRI PRODS	34	10.3	295,719	591,363	*	60,855
506 SPLY DEMAND AND PRI	32	8.9	254,986	652,704	*	30,909
507 COMP REL IN AGRIC	10	1.9	60,730	97,131	*	0
508 DOMESTIC MKT DEVELP	15	2.5	53,749	155,269	*	0
509 PERFORMANCE MKTG SY	32	8.7	202,041	352,524	*	21,132
510 GROUP ACT MKT POWER	8	1.0	7,629	50,424	*	4,834
511 IMP AGRIC STATISTIC	6	2.0	8,520	179,628	*	63,001
512 IMP GRADES FRST PRO	12	3.2	25,512	167,935	*	16,998
513 PRICE ANAL FRST PRO	6	3.2	68,398	200,178	*	15,607
SUBTOTAL	171	46.4	1,042,476	2,745,743	*	221,466
SERIES 600						
601 FGN MKT DEVELP	12	3.2	57,104	242,724	*	20,263
603 TECH AID DEV CRTY	14	2.2	13,642	163,094	*	29,111
604 PRD DVLPMT/MKTG FRG	4	0.3	3,121	8,561	*	0
SUBTOTAL	30	5.6	73,668	414,379	*	49,374
SERIES 700						
701 TOX RES IN FOOD	43	17.8	172,008	1,685,487	*	50,925
702 FOOD PROT FROM TOX	48	16.3	214,348	1,386,234	*	0
703 FOOD CONSUMP HABITS	39	10.0	147,922	659,275	*	1,869
704 HOME COMM FOOD SERV	10	1.1	25,685	146,162	*	52,487
705 SEL CARE CLOTH & TE	13	3.0	27,309	159,080	*	0
706 CONTR INSECTS AFF M	37	13.8	83,837	1,168,412	*	7,643
707 TRANS ANIML MAN DI	3	0.9	4,436	37,814	*	0
708 HUMAN NUTRITION	76	33.6	270,159	2,969,479	*	50,106
709 REDUCE HAZ HLTH & S	13	3.1	19,904	216,238	*	658
SUBTOTAL	282	99.5	965,607	8,428,180	*	163,688

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	(INCLUDES SAES-FORESTAY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977			USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
SERIES 800								
801 RURAL HOUSING	8	0.9	5,893	66,473	*		263	
802 INDIV & FAM DEC MAK	38	5.3	101,359	351,666	*		15,061	
803 RURAL POVERTY	7	1.2	21,516	71,205	*		15,000	
804 ECON POTENT RURL PE	17	2.4	102,296	257,098	*		0	
805 COMMUNICAT RURAL PE	28	4.7	71,377	377,217	*		92	
806 ADJUSTMENT TO CHANG	34	9.9	159,172	439,390	*		15,000	
807 AGRIC ECONOMIC CHAN	25	6.3	91,883	392,728	*		4,098	
808 GOV'T PROGRAMS	7	1.6	36,892	96,726	*		1,105	
SUBTOTAL	164	32.4	590,387	2,052,503	*		50,620	
SERIES 900								
901 ALLEV POLLUTION	165	58.5	672,110	6,420,114	*		190,502	
902 OUTDOOR RECREATION	50	14.1	232,377	940,502	*		31,575	
903 MULTI-USE-FOREST PO	16	1.9	25,682	139,611	*		15,174	
904 WLDLFE AND FISH ECO	153	36.8	225,150	4,309,384	*		132,351	
905 TREES BEAUTIFICATIO	35	11.9	77,328	1,057,757	*		33,482	
906 ORNAMENT & TURF DEV	127	39.8	213,937	3,039,018	*		23,266	
907 RURAL INCOME IMP	35	9.0	148,025	580,889	*		15,000	
908 RURAL INSTITUT IMP	53	11.1	300,165	726,007	*		18,415	
990 UNCLASSIFIED	9	6.2	10,631	723,761	*		31,874	
SUBTOTAL	643	189.3	1,905,404	17,937,042	*		491,639	
SCIENCE IN SERV OF MAN								
GRAND TOTAL	4955	1683.3	17,590,202	157,327,687	*		4,540,707	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1085	354.4	5,040,943	30,528,793	*	902,195
0200 WATER	682	186.1	2,310,562	16,193,679	*	268,363
0300 WATERSHEDS RIVER BAS	122	34.8	449,374	2,856,870	*	105,230
0400 AIR AND CLIMATE	135	42.5	533,033	5,044,954	*	172,153
0500 RECREATION RESOURCES	163	42.9	883,697	2,802,788	*	58,497
0600 TIMBER FORST PRODUCT	888	333.6	6,417,122	25,866,004	*	1,362,274
0700 RANGE	239	68.9	646,070	6,322,955	*	105,678
0800 WILDLIFE AND FISH	539	165.1	1,676,772	15,078,049	*	207,978
0900 CITRUS SUB TROP FRUT	280	126.1	889,838	10,613,410	*	203,479
1000 FRUIT NUTS DECIDUOUS	992	359.2	4,966,241	29,091,128	*	384,716
1100 POTATOES	302	88.1	1,420,602	7,197,045	*	178,503
1200 VEGETABLES	1257	432.3	5,610,143	32,981,700	*	761,331
1300 ORNAMENTALS TURF	576	207.7	2,376,252	15,406,651	*	105,765
1400 CORN	766	176.4	2,949,830	15,574,946	*	344,336
1500 GRAIN SORGHUM	290	52.4	618,749	4,394,143	*	70,481
1600 RICE	101	38.2	217,243	3,069,123	*	67,318
1700 WHEAT	597	140.0	1,852,845	11,569,912	*	400,382
1800 OTHER SMALL GRAINS	374	73.5	1,146,363	6,665,122	*	51,326
1900 PASTURE	170	37.7	352,406	3,542,111	*	170,329
2000 FORAGE CROPS	836	241.0	3,561,744	20,072,972	*	556,849
2100 COTTON	380	131.4	1,863,061	12,908,904	*	657,003
2200 COTTONSEED	14	3.1	48,441	244,529	*	21,535
2300 SOYBEANS	746	200.3	3,192,687	17,093,683	*	872,593
2400 PEANUTS	140	43.7	466,748	3,853,296	*	104,884
2500 OTHER OILSEED CROPS	85	14.7	144,419	1,392,529	*	51,086
2600 TOBACCO	164	63.0	820,056	6,046,231	*	57,258
2700 SUGAR CROPS	178	57.1	855,748	4,503,213	*	28,128
2800 MISC NEW CROPS	111	27.1	329,532	2,510,698	*	39,442
2900 POULTRY	715	244.3	5,551,594	24,285,426	*	256,446
3000 BEEF CATTLE	1157	386.7	8,332,319	54,451,018	*	1,905,295
3100 DAIRY CATTLE	1021	324.8	7,408,857	37,035,828	*	504,366
3200 SWINE	521	150.9	3,317,530	20,304,766	*	696,343
3300 SHEEP AND WOOL	343	76.0	1,524,199	8,138,247	*	120,516
3400 OTHER ANIMALS	367	102.7	1,187,070	8,570,464	*	115,068
3500 BEES AND HONEY	43	17.8	211,420	1,071,275	*	34,290
3600 FARM SUPP & FACILITS	98	24.3	384,747	1,968,608	*	45,184
3700 CLOTHING & TEXTILES	63	17.9	316,877	849,698	*	17,722
3800 FOOD	446	140.0	3,060,236	12,003,911	*	372,594
3900 HOUSING & EQUIP	197	55.4	626,025	4,467,690	*	302,617
4000 PEOPLE AS INDIVIDUAL	615	171.7	2,962,366	13,444,595	*	391,495
4100 FAMILY MEMBERS	179	40.8	889,025	2,753,543	*	22,045
4200 FARM AS BUSINESS	171	58.5	1,206,985	3,327,136	*	113,865
4300 SOC POLIT ORGANIZ	436	128.3	3,169,482	8,087,951	*	322,289
4400 AGRIC ECONOMY U S	100	31.3	539,579	2,260,884	*	129,504
4500 AGRIC ECONOMY FORGN	24	10.9	86,014	1,051,358	*	463,471
4600 FARM COOPERATIVES	40	6.5	229,329	475,634	*	23,572
4700 OTH MARKET PROCESS	41	8.5	171,222	532,351	*	5,585
4800 MARKETING SYSTEMS	100	25.7	737,010	1,662,582	*	171,959
6100 WEEDS	47	10.5	185,123	937,624	*	18,876
6200 SEED RESEARCH	26	9.6	89,153	937,143	*	5,121
6300 BIO CELL SYSTEMS	206	82.3	685,675	7,333,473	*	10,886
6400 EXP DESIGN/STAT METH	55	25.4	164,089	2,021,625	*	314,705
6500 INVERTEBRATES	245	105.7	771,335	8,579,236	*	100,959
6600 MICROORGANISMS,VIRUS	221	82.2	693,624	7,358,935	*	66,580
6700 PLANTS	589	216.2	2,723,105	19,362,232	*	683,450
6800 ANIMALS (VERTEBRATES)	284	112.4	1,014,853	11,091,136	*	117,075
6900 RESEARCH ON RSCH MGM	27	10.8	197,266	747,865	*	126,329
7000 RSCH EQUIP & TECHNOL	95	26.4	232,034	2,511,359	*	54,396
9900 UNCLASSIFIED	41	111.0	1,055,217	13,180,479	*	500,035
TOTAL	20725	6556.7	101,363,882	594,229,519	*	16,321,747

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	187	69.5	920,250	5,471,339	*	87,236
102 SOIL PLNT WTR NUTRI	482	148.0	1,889,566	12,609,050	*	169,841
103 MGMT OF SALINE SOIL	51	15.1	103,133	1,476,146	*	62,657
104 ALTERN USE OF LAND	176	57.1	1,002,594	4,324,060	*	157,619
105 CONSERV USE OF WATE	233	52.5	544,494	4,247,629	*	47,567
106 DRAIN AND IRRIGATIO	96	29.6	236,787	2,402,598	*	34,989
107 WATERSHED PROT & MG	137	41.6	556,930	4,618,255	*	433,933
108 ECON LEG PROB OF WA	41	13.8	118,418	863,532	*	20,575
109 WEATHER ADAPT & MOD	104	33.3	470,377	4,181,796	*	159,463
110 APPRAIS FORST & RAN	73	19.7	296,487	1,330,328	*	105,750
111 BIOL CULT MGMT FORS	247	77.5	1,767,574	6,571,713	*	164,527
112 IMPROV RANGE RESOR	157	47.2	419,638	4,845,838	*	68,786
113 REMOTE SENSING	39	12.0	135,199	1,144,512	*	33,890
114 RSCH ON MGMT OF RSC	27	10.8	197,266	747,865	*	126,329
SUBTOTAL	2055	628.3	8,658,713	54,834,723	*	1,673,160
SERIES 200						
201 CNTRL FORST INSECTS	156	52.4	788,771	4,462,835	*	471,468
202 CONTROL FOREST DIS	111	33.9	745,192	2,381,510	*	86,699
203 FOREST FIRE PROTECT	15	1.6	6,024	154,790	*	34,121
204 CNTR PESTS FRT & VE	348	127.0	1,484,523	10,286,241	*	391,883
205 CNTR DISE FRT & VEG	647	213.9	2,371,350	16,027,717	*	316,748
206 CNTR WEEDS FRT & VE	158	47.3	660,272	3,585,409	*	43,289
207 CNTR PESTS FLD CROP	474	164.2	2,623,718	14,258,169	*	666,152
208 CNTR DIS FIELD CROP	651	206.2	3,002,481	15,772,364	*	342,800
209 CNTR WEEDS FLD CROP	283	86.6	1,240,574	7,945,438	*	164,622
210 CNTR PESTS ANIMALS	91	29.5	403,243	2,223,176	*	236,495
211 CNTR DIS ANIMALS	467	240.5	3,260,434	22,374,867	*	1,051,555
212 CNTR INTER PARASITE	92	31.8	535,196	3,114,484	*	2,697
213 PROT ANMLS FROM TOX	88	20.1	335,854	2,064,979	*	21,757
214 PROTECT FROM POLLUT	212	53.8	684,661	5,131,447	*	229,787
SUBTOTAL	3793	1308.8	18,142,293	109,783,446	*	4,060,073
SERIES 300						
301 GENET BREED FORST T	91	29.6	801,085	2,563,953	*	48,773
302 IMP FOREST ENG SYS	17	6.5	120,253	502,441	*	12,055
303 ECON TIMBER PRODUCT	29	14.9	203,337	969,141	*	85,412
304 IMP BIO EFF FRT & V	978	358.1	3,744,924	30,143,480	*	330,818
305 MECH PROD FRT & VEG	168	46.2	624,189	3,502,034	*	44,619
306 PROD MGMT SYS F & V	82	21.2	267,932	1,586,735	*	23,087
307 IMP BIO EFF FLD CRP	1541	628.5	7,240,922	59,411,758	*	1,480,736
308 MECH PROD FIELD CRO	115	30.6	470,305	2,802,448	*	114,568
309 PROD MGMT SYS FLD C	190	45.6	657,444	4,210,115	*	217,895
310 ANIMAL REPRODUCTION	420	163.9	3,751,213	21,322,389	*	624,378
311 IMP BIO EFF ANML PR	1237	457.0	9,560,466	66,882,640	*	1,008,211
312 ENV STRESS IN ANML	169	65.7	1,023,843	7,502,605	*	112,902
313 PROD MGMT SYS ANML	267	61.2	973,353	9,135,930	*	113,434
314 BRES OTH POLLNTNG I	43	17.8	211,420	1,071,275	*	34,290
315 IMP STRUC FARM SUPP	104	34.3	341,093	3,220,540	*	222,788
316 FARM BUSINESS MGMT	136	48.2	1,041,085	2,744,067	*	93,996
317 MECH/STRUCTS ANML P	68	12.3	172,557	1,099,294	*	65,886
318 NON-COM BIO TECH/BI	981	411.5	3,428,526	35,587,157	*	259,998
SUBTOTAL	6636	2453.1	34,633,947	254,258,002	*	4,893,847
SERIES 400						
401 NEW IMP FOREST PROD	117	65.7	988,878	4,285,880	*	128,130
402 PROD F & V IMP ACCE	235	46.8	569,519	3,984,933	*	20,054
403 NEW & IMP FGV PROD	198	71.3	1,133,697	5,372,363	*	90,201
404 MKT QUAL FRTS & VEG	198	60.5	1,459,107	4,943,876	*	67,474
405 PROD FLD CROP IMP A	225	65.5	967,162	5,284,915	*	102,679
406 NEW IMP FOOD FLD CR	130	35.7	722,189	3,066,568	*	144,139
407 NEW IMP NON-FOOD FC	49	14.9	245,897	1,152,210	*	1,312
408 MKT QUAL FIELD CROP	85	22.5	419,197	1,682,983	*	110,026
409 PROD ANML PR IMP AC	166	40.5	1,422,974	4,838,327	*	87,235
410 IMP MEAT MILK EGG P	277	85.5	2,157,030	7,307,176	*	69,628
411 IMP NON-FOOD ANML P	21	3.9	55,176	364,450	*	0
412 MKT QUAL ANIMAL PRO	122	30.7	864,634	2,765,676	*	10,982
SUBTOTAL	1823	543.5	11,005,461	45,049,357	*	831,861
SERIES 500						
501 IMP GRADES & STANDS	70	19.9	430,764	1,486,083	*	11,787
502 MKTG TIMBER PRODUCT	23	4.9	103,527	264,270	*	18,591
503 MKTG EFF AGRI PRODS	225	55.9	1,707,359	3,829,328	*	238,170
506 SPLY DEMAND AND PRI	164	43.4	1,454,132	2,918,771	*	125,028
507 COMB REL IN AGRIC	57	8.5	284,498	551,737	*	33,767
508 DOMESTIC MKT DEVELP	57	8.7	232,085	552,055	*	648
509 PERFORMANCE MKTG SY	155	50.4	1,550,629	3,026,317	*	245,041
510 GROUP ACT MKT POWER	27	4.7	152,185	331,156	*	18,704
511 IMP AGRIC STATISTIC	29	6.0	95,595	787,675	*	295,422
512 IMP GRADES FRST PRO	11	2.4	27,521	141,546	*	29,501
513 PRICE ANAL FRST PRO	13	2.6	84,370	198,273	*	7,601
SUBTOTAL	831	209.3	6,122,666	14,087,209	*	1,024,260
SERIES 600						
601 FGN MKT DEVELP	55	13.2	409,687	1,002,720	*	43,355
602 EVAL FGN FOOD AID P	3	0.3	9,977	22,251	*	0
603 TECH AID DEV CRTY	38	18.5	14,739	1,050,219	*	481,788
604 PRD DVLEMT/MKTG FRG	10	0.8	10,427	66,889	*	0
SUBTOTAL	106	32.7	444,829	2,182,080	*	525,143
SERIES 700						
701 TOX RES IN FOOD	133	54.9	1,091,578	5,004,393	*	602,693
702 FOOD PROT FROM TOX	187	57.9	1,134,586	4,661,155	*	36,505
703 FOOD CONSUMP HABITS	149	31.5	678,202	2,121,405	*	71,393
704 HOME COMM FOOD SERV	51	10.1	269,744	757,060	*	58,691
705 SEL CARE CLOTH & TE	57	16.9	286,328	776,599	*	17,722
706 CONTR INSECTS AFF H	105	41.6	418,027	3,289,352	*	62,320
707 TRANS ANML HAN DI	27	6.5	50,766	620,909	*	16,212
708 HUMAN NUTRITION	315	99.1	1,722,156	8,971,503	*	329,395
709 REDUCE HAZ HLTH & S	52	11.0	166,599	820,141	*	7,189
SUBTOTAL	1076	329.3	5,817,987	27,222,918	*	1,202,119

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 800						
801 RURAL HOUSING	46	13.1	214,901	672,404	*	2,654
802 INDIV & FAM DEC MAK	139	26.8	609,613	1,857,192	*	19,295
803 RURAL POVERTY	30	7.5	177,629	425,714	*	15,000
804 ECON POTENT RURL PE	86	23.7	607,363	1,504,639	*	41,056
805 COMMUNICAT RURAL PE	115	27.1	310,347	2,472,097	*	1,887
806 ADJUSTMENT TO CHANG	157	41.6	894,492	2,722,832	*	21,797
807 AGRIC ECONOMIC CHAN	110	31.3	533,077	2,036,275	*	92,703
808 GOV'T PROGRAMS	35	6.5	175,070	518,725	*	33,162
SUBTOTAL	718	177.6	3,522,492	12,209,878	*	227,554
SERIES 900						
901 ALLEV POLLUTION	660	226.4	3,708,419	20,650,499	*	616,112
902 OUTDOOR RECREATION	141	39.8	823,342	2,589,363	*	54,005
903 MULTI-USE-FOREST PO	62	11.5	223,597	814,428	*	70,612
904 WLDLFE AND FISH ECO	452	141.0	1,420,144	13,063,239	*	181,535
905 TREES BEAUTIFICATIO	91	23.0	299,811	1,935,524	*	13,091
906 ORNAMENT & TURF DEV	561	200.6	2,331,952	14,664,963	*	103,340
907 RURAL INCOME IMP	165	43.6	1,044,349	2,539,596	*	147,282
908 RURAL INSTITUT IMP	284	77.2	2,108,663	5,164,824	*	197,717
909 UNCLASSIFIED	41	111.0	1,055,217	13,180,479	*	500,035
SUBTOTAL	2457	874.1	13,015,494	74,601,905	*	1,883,729
SCIENCE IN SERV OF MAN						
GRAND TOTAL	19495	6556.7	101,363,882	594,229,519	*	16,321,747

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	13	4.2	61,595	532,674	*	0
0200 WATER	7	2.1	28,906	167,445	*	0
0500 RECREATION RESOURCES	3	0.8	0	73,151	*	0
0600 TIMBER FORST PRODUCT	26	11.7	384,497	839,945	*	27,025
0700 RANGE	1	0.1	0	12,376	*	0
0800 WILDLIFE AND FISH	23	22.9	153,974	1,253,489	*	16,334
1000 FRUIT NUTS DECIDUOUS	11	5.8	83,230	439,105	*	0
1100 POTATOES	3	0.6	3,300	63,380	*	0
1200 VEGETABLES	14	6.8	118,164	501,923	*	4,120
1300 ORNAMENTALS TURF	5	4.4	51,014	393,148	*	0
1400 CORN	5	2.2	47,167	164,280	*	0
1500 GRAIN SORGHUM	5	0.4	6,484	33,604	*	0
1700 WHEAT	4	0.5	6,557	44,783	*	0
1800 OTHER SMALL GRAINS	5	0.9	17,285	64,117	*	0
1900 PASTURE	2	0.6	11,770	61,822	*	0
2000 FORAGE CROPS	14	9.0	214,267	906,094	*	0
2100 COTTON	9	4.3	78,338	424,555	*	0
2200 COTTONSEED	1	0.3	0	21,535	*	21,535
2300 SOYBEANS	17	9.1	109,504	695,939	*	0
2400 PEANUTS	10	6.0	71,012	417,376	*	1,448
2900 POULTRY	14	6.6	225,269	812,709	*	48,569
3000 BEEF CATTLE	29	16.5	300,611	1,577,243	*	62,300
3100 DAIRY CATTLE	18	6.8	128,122	787,613	*	27,568
3200 SWINE	4	5.7	105,749	760,326	*	1,805
3400 OTHER ANIMALS	1	0.2	13,345	67,465	*	0
3700 CLOTHING & TEXTILES	5	0.8	28,282	69,264	*	17,722
3800 FOOD	3	0.6	15,461	82,390	*	35,000
3900 HOUSING & EQUIP	3	1.1	10,145	103,544	*	25,504
4000 PEOPLE AS INDIVIDUAL	4	1.5	47,534	73,506	*	341
4100 FAMILY MEMBERS	2	0.5	9,232	23,913	*	0
4200 FARM AS BUSINESS	5	0.7	15,796	60,227	*	6,376
4300 SOC POLIT ORGANIZ	6	2.1	69,152	116,311	*	0
4400 AGRIC ECONOMY U S	1	0.3	4,397	10,473	*	0
4700 OTH MARKET PROCESS	1	0.1	828	3,701	*	0
4800 MARKETING SYSTEMS	4	1.2	62,969	82,263	*	0
6300 BIO CELL SYSTEMS	1	0.1	0	6,249	*	0
6500 INVERTEBRATES	2	0.8	5,717	57,641	*	0
6600 MICROORGANISMS, VIRUS	4	1.2	15,954	60,345	*	0
6700 PLANTS	6	5.7	69,424	325,063	*	0
6800 ANIMALS (VERTEBRATES)	3	0.7	7,433	60,214	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	144,360	144,360	*	0
9900 UNCLASSIFIED	1	9.6	0	633,899	*	1,400
TOTAL	305	155.7	2,726,842	13,029,458	*	297,046

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.3	10,815	120,613	*	0
0400 AIR AND CLIMATE	1	0.0	35,039	140,353	*	0
0500 RECREATION RESOURCES	2	1.7	50,560	50,560	*	0
0600 TIMBER FORST PRODUCT	1	0.1	3,806	12,270	*	0
0700 RANGE	1	0.0	2,074	5,502	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.4	22,209	61,421	*	0
1100 POTATOES	1	0.2	0	25,713	*	0
1200 VEGETABLES	2	0.4	15,681	51,257	*	0
1300 ORNAMENTALS TURF	2	0.4	25,595	76,590	*	0
1700 WHEAT	3	0.4	10,251	59,935	*	0
1800 OTHER SMALL GRAINS	4	1.1	28,049	151,966	*	0
1900 PASTURE	2	0.1	14,718	42,939	*	0
2000 FORAGE CROPS	3	0.8	75,612	176,614	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	3,616	*	0
3000 BEEF CATTLE	1	0.0	0	7,628	*	0
3100 DAIRY CATTLE	6	1.4	105,651	352,521	*	0
3600 FARM SUPP & FACILITS	1	0.2	30,198	91,243	*	0
3800 FOOD	1	0.3	15,307	15,307	*	0
4200 FARM AS BUSINESS	1	0.1	0	3,616	*	0
4300 SOC POLIT ORGANIZ	1	0.7	21,377	47,383	*	0
4400 AGRIC ECONOMY U S	1	0.5	14,584	31,588	*	0
4800 MARKETING SYSTEMS	1	0.1	4,408	4,408	*	0
6700 PLANTS	1	0.5	41,648	41,648	*	0
6800 ANIMALS (VERTEBRATES)	1	0.5	41,648	41,648	*	0
TOTAL	41	10.3	569,731	1,626,337	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	6.2	40,625	446,273	*	1,848
0200 WATER	12	1.7	54,543	134,683	*	0
0300 WATERSHEDS RIVER BAS	7	1.0	7,937	27,344	*	0
0400 AIR AND CLIMATE	3	0.1	2,156	4,774	*	0
0500 RECREATION RESOURCES	2	0.1	4,172	7,102	*	0
0600 TIMBER FORST PRODUCT	27	5.5	193,250	631,497	*	59,046
0700 RANGE	3	1.0	28,191	44,630	*	0
0800 WILDLIFE AND FISH	3	0.3	29,166	36,889	*	0
1000 FRUIT NUTS DECIDUOUS	25	4.5	166,754	693,930	*	6,064
1100 POTATOES	1	0.1	776	12,244	*	36
1200 VEGETABLES	26	7.4	195,047	704,563	*	6,121
1300 ORNAMENTALS TURF	7	2.0	40,349	122,462	*	97
1400 CORN	7	0.8	18,853	87,953	*	290
1500 GRAIN SORGHUM	8	0.7	16,371	89,685	*	241
1600 RICE	15	5.5	59,969	673,370	*	38,020
1700 WHEAT	7	1.3	27,982	123,786	*	241
1800 OTHER SMALL GRAINS	6	1.2	28,047	109,752	*	241
1900 PASTURE	4	0.3	4,375	14,616	*	217
2000 FORAGE CROPS	15	1.7	38,339	168,836	*	2,408
2100 COTTON	31	9.0	181,172	988,806	*	19,037
2300 SOYBEANS	35	10.6	220,407	1,553,228	*	8,620
2800 MISC NEW CROPS	1	0.1	4,237	14,668	*	0
2900 POULTRY	25	7.8	156,172	703,317	*	354
3000 BEEF CATTLE	20	4.3	105,266	1,067,736	*	1,395
3100 DAIRY CATTLE	19	5.7	149,734	791,059	*	234
3200 SWINE	12	2.1	47,828	282,732	*	639
3300 SHEEP AND WOOL	6	1.3	20,638	117,073	*	0
3400 OTHER ANIMALS	10	1.1	11,728	89,399	*	156
3700 CLOTHING & TEXTILES	1	0.4	1,409	11,405	*	0
3800 FOOD	3	1.3	41,042	76,446	*	0
3900 HOUSING & EQUIP	4	1.0	2,755	62,975	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.4	31,111	115,979	*	831
4100 FAMILY MEMBERS	4	0.9	16,407	41,517	*	3,284
4200 FARM AS BUSINESS	3	1.3	5,820	26,307	*	0
4300 SOC POLIT ORGANIZ	11	2.4	78,474	148,247	*	7,236
4600 FARM COOPERATIVES	1	0.3	3,545	7,444	*	0
6500 INVERTEBRATES	3	0.9	29,418	78,818	*	0
6600 MICROORGANISMS,VIRUS	3	0.5	11,537	43,230	*	13,031
6700 PLANTS	7	2.0	44,484	167,291	*	0
6800 ANIMALS(VERTEBRATES)	3	1.4	18,054	128,294	*	12,764
7000 RSCH EQUIP & TECHNOL	2	0.0	0	1,696	*	0
TOTAL	404	97.0	2,138,534	10,654,259	*	182,449

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	33	8.5	84,552	569,142	*	34,507
0200 WATER	27	7.3	90,125	539,481	*	4,585
0300 WATERSHEDS RIVER BAS	3	1.4	1,105	15,006	*	0
0400 AIR AND CLIMATE	6	2.0	3,579	107,824	*	0
0500 RECREATION RESOURCES	5	1.8	14,801	100,983	*	15,325
0600 TIMBER FORST PRODUCT	7	2.4	21,231	177,359	*	4,000
0700 RANGE	8	2.7	25,465	153,984	*	10,000
0800 WILDLIFE AND FISH	2	0.9	18,441	50,031	*	0
0900 CITRUS SUB TROP FRUT	12	5.7	45,321	571,789	*	95,548
1000 FRUIT NUTS DECIDUOUS	9	1.8	9,493	65,893	*	0
1100 POTATOES	4	1.1	11,104	91,491	*	0
1200 VEGETABLES	33	10.8	66,805	685,490	*	0
1300 ORNAMENTALS TURF	14	3.1	18,573	246,404	*	488
1500 GRAIN SORGHUM	5	0.7	4,911	68,980	*	0
1700 WHEAT	8	1.5	9,213	108,135	*	366
1800 OTHER SMALL GRAINS	8	0.9	12,765	124,613	*	17,767
2000 FORAGE CROPS	18	4.6	40,996	295,192	*	36,721
2100 COTTON	37	14.5	143,349	1,054,326	*	54,528
2200 COTTONSEED	2	1.2	13,663	104,156	*	0
2300 SOYBEANS	2	0.3	4,588	33,318	*	1,545
2500 OTHER OILSEED CROPS	4	0.6	4,584	64,219	*	618
2600 TOBACCO	1	0.7	9,296	46,233	*	0
2700 SUGAR CROPS	7	1.3	2,376	89,440	*	366
2800 MISC NEW CROPS	5	1.0	8,749	156,252	*	5,017
2900 POULTRY	4	0.8	16,482	122,475	*	4,646
3000 BEEF CATTLE	22	9.8	120,059	889,107	*	5,164
3100 DAIRY CATTLE	20	7.2	91,586	659,657	*	15,806
3200 SWINE	4	0.8	9,719	62,218	*	15,806
3300 SHEEP AND WOOL	3	0.3	16,181	35,019	*	0
3400 OTHER ANIMALS	6	1.4	13,405	79,023	*	941
3500 BEES AND HONEY	1	0.1	1,976	5,442	*	0
3600 FARM SUPP & FACILITS	2	0.7	5,103	42,874	*	0
3700 CLOTHING & TEXTILES	2	0.4	3,722	19,877	*	0
3800 FOOD	6	2.0	13,220	112,143	*	0
3900 HOUSING & EQUIP	4	0.8	64	23,900	*	0
4000 PEOPLE AS INDIVIDUAL	16	3.5	30,691	271,769	*	61
4100 FAMILY MEMBERS	5	1.9	34,460	106,088	*	0
4200 FARM AS BUSINESS	2	2.4	0	86,044	*	0
4300 SOC POLIT ORGANIZ	2	0.6	681	2,421	*	92
4400 AGRIC ECONOMY U S	1	0.6	7,314	34,707	*	2,028
4500 AGRIC ECONOMY FORGM	1	0.1	2,279	6,811	*	395
4600 FARM COOPERATIVES	1	0.1	432	4,367	*	0
4700 OTH MARKET PROCESS	2	0.2	3,058	9,444	*	0
4800 MARKETING SYSTEMS	2	0.9	18,403	35,327	*	0
6200 SEED RESEARCH	1	0.0	751	6,180	*	0
6300 BIO CELL SYSTEMS	2	0.1	9,542	13,990	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	60,542	*	0
6500 INVERTEBRATES	6	3.6	2,260	145,851	*	1,998
6700 PLANTS	5	1.3	24,577	133,143	*	0
6800 ANIMALS(VERTEBRATES)	4	5.7	38,409	434,680	*	23,905
6900 RESEARCH ON RSCH MGM	1	0.5	0	460	*	460
7000 RSCH EQUIP & TECHNOL	3	0.7	3,054	15,660	*	0
TOTAL	389	124.5	1,133,014	8,941,958	*	352,680

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - CALIFORNIA

BERKELEY

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	100	34.0	186,566	3,729,878	*	169,969
0200 WATER	67	16.6	110,828	1,765,127	*	125,028
0300 WATERSHEDS RIVER BAS	7	0.7	6,951	54,127	*	5,172
0400 AIR AND CLIMATE	14	4.1	13,282	480,285	*	30,916
0500 RECREATION RESOURCES	14	3.6	31,121	279,242	*	7,334
0600 TIMBER FORST PRODUCT	80	35.4	312,716	3,092,223	*	222,192
0700 RANGE	24	8.0	30,681	617,399	*	907
0800 WILDLIFE AND FISH	42	14.7	85,502	2,118,873	*	59,186
0900 CITRUS SUB TROP FRUT	72	30.5	146,044	3,514,241	*	26,684
1000 FRUIT NUTS DECIDUOUS	113	43.0	245,424	4,584,679	*	24,584
1100 POTATOES	12	4.2	18,858	315,528	*	395
1200 VEGETABLES	101	32.2	158,310	3,700,602	*	14,744
1300 ORNAMENTALS TURF	38	12.9	28,742	1,299,373	*	4,762
1400 CORN	11	1.9	16,831	208,165	*	0
1500 GRAIN SORGHUM	5	0.2	200	57,686	*	853
1600 RICE	12	4.1	18,230	530,289	*	14,341
1700 WHEAT	15	4.0	37,637	404,899	*	22,237
1800 OTHER SMALL GRAINS	14	2.8	24,844	351,190	*	263
1900 PASTURE	5	2.1	1,083	93,697	*	8,250
2000 FORAGE CROPS	40	13.4	81,285	1,235,797	*	12,915
2100 COTTON	36	14.5	69,136	1,406,752	*	53,866
2200 COTTONSEED	1	0.0	842	2,076	*	0
2300 SOYBEANS	7	6.7	4,630	300,353	*	70,045
2500 OTHER OILSEED CROPS	10	3.8	16,881	479,180	*	3,634
2700 SUGAR CROPS	11	3.2	14,706	349,744	*	2,365
2800 MISC NEW CROPS	3	0.6	4,688	180,237	*	721
2900 POULTRY	33	12.9	61,048	1,262,606	*	11,745
3000 BEEF CATTLE	47	12.2	120,041	1,406,577	*	157,352
3100 DAIRY CATTLE	37	8.6	74,249	971,119	*	130,258
3200 SWINE	3	0.5	183	49,645	*	0
3300 SHEEP AND WOOL	22	5.2	34,605	447,478	*	11,659
3400 OTHER ANIMALS	19	7.0	32,964	756,419	*	0
3500 BEES AND HONEY	12	5.4	25,848	374,238	*	19,533
3600 FARM SUPP & FACILITS	6	1.3	34,973	161,508	*	15,314
3700 CLOTHING & TEXTILES	8	1.9	17,956	127,983	*	0
3800 FOOD	51	14.3	124,614	1,524,371	*	40,600
3900 HOUSING & EQUIP	15	3.4	10,600	245,453	*	1,596
4000 PEOPLE AS INDIVIDUAL	76	24.1	190,032	2,415,469	*	61,851
4100 FAMILY MEMBERS	7	1.0	9,637	53,185	*	0
4200 FARM AS BUSINESS	5	0.7	0	33,696	*	0
4300 SOC POLIT ORGANIZ	16	5.6	48,183	327,439	*	0
4400 AGRIC ECONOMY U S	6	0.7	4,780	54,811	*	905
4500 AGRIC ECONOMY FORGN	4	1.3	17,701	110,976	*	1,168
4600 FARM COOPERATIVES	5	0.6	1,451	22,324	*	565
4700 OTH MARKET PROCESS	3	0.2	4,991	11,698	*	565
4800 MARKETING SYSTEMS	8	0.9	10,227	43,102	*	3,705
6100 WEEDS	7	3.6	48,505	230,826	*	14,027
6200 SEED RESEARCH	2	0.9	0	66,411	*	0
6300 BIO CELL SYSTEMS	33	18.9	30,965	1,606,998	*	4,929
6400 EXP DESIGN/STAT METH	6	1.5	0	238,901	*	71,352
6500 INVERTEBRATES	78	36.6	183,767	3,717,846	*	25,079
6600 MICROORGANISMS,VIRUS	36	12.6	54,876	1,298,149	*	2,957
6700 PLANTS	119	45.0	200,535	4,195,532	*	25,974
6800 ANIMALS(VERTEBRATES)	39	15.0	49,189	1,581,228	*	19,614
6900 RESEARCH ON RSCH MGM	4	0.9	15,186	113,352	*	0
7000 RSCH EQUIP & TECHNOL	10	7.4	5,509	768,484	*	0
9900 UNCLASSIFIED	1	1.0	1,000	71,023	*	16,640
TOTAL	1572	548.4	3,079,630	55,407,488	*	1,518,747

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	22	10.8	210,871	1,182,568	*	0
0200 WATER	28	17.5	118,685	1,520,161	*	0
0300 WATERSHEDS RIVER BAS	6	6.8	23,198	670,454	*	0
0400 AIR AND CLIMATE	5	9.1	0	1,997,724	*	0
0600 TIMBER FORST PRODUCT	9	1.8	25,338	135,935	*	0
0700 RANGE	10	8.0	35,657	1,466,438	*	0
0800 WILDLIFE AND FISH	3	0.4	1,159	82,092	*	0
1000 FRUIT NUTS DECIDUOUS	7	4.6	95,075	366,413	*	0
1100 POTATOES	9	5.6	60,017	274,126	*	25,932
1200 VEGETABLES	12	6.2	55,801	364,146	*	6,483
1300 ORNAMENTALS TURF	4	3.2	1,378	171,396	*	0
1400 CORN	5	2.7	19,381	101,190	*	0
1500 GRAIN SORGHUM	3	0.6	9,017	29,953	*	0
1700 WHEAT	5	7.8	6,268	234,981	*	0
1800 OTHER SMALL GRAINS	7	3.6	37,008	184,387	*	0
1900 PASTURE	2	0.2	3,416	28,571	*	0
2000 FORAGE CROPS	9	3.5	43,453	181,105	*	0
2200 COTTONSEED	1	0.0	552	4,641	*	0
2300 SOYBEANS	2	0.1	552	25,167	*	20,526
2400 PEANUTS	1	0.0	552	4,641	*	0
2500 OTHER OILSEED CROPS	2	0.1	552	25,167	*	20,526
2700 SUGAR CROPS	5	1.1	21,795	84,701	*	0
2900 POULTRY	4	3.2	52,477	284,234	*	0
3000 BEEF CATTLE	14	28.2	308,061	5,718,884	*	0
3100 DAIRY CATTLE	3	0.8	17,335	81,706	*	0
3200 SWINE	1	0.0	552	4,641	*	0
3300 SHEEP AND WOOL	5	0.9	17,343	90,001	*	0
3400 OTHER ANIMALS	4	0.8	13,617	83,052	*	0
3600 FARM SUPP & FACILITS	1	0.3	6,222	18,080	*	0
3700 CLOTHING & TEXTILES	2	0.3	7,050	13,548	*	0
3800 FOOD	7	2.1	24,568	216,276	*	0
3900 HOUSING & EQUIP	3	5.5	2,244	885,594	*	0
4000 PEOPLE AS INDIVIDUAL	9	3.0	35,070	361,834	*	0
4100 FAMILY MEMBERS	5	0.7	26,087	34,686	*	0
4200 FARM AS BUSINESS	2	0.2	4,329	11,371	*	0
4300 SOC POLIT ORGANIZ	11	2.6	85,769	225,263	*	0
4600 FARM COOPERATIVES	1	0.3	6,222	18,080	*	0
6100 WEEDS	1	0.1	1,299	18,422	*	0
6200 SEED RESEARCH	1	1.0	0	119,975	*	0
6500 INVERTEBRATES	1	0.0	0	4,154	*	0
6700 PLANTS	3	1.0	3,616	57,053	*	0
6800 ANIMALS (VERTEBRATES)	5	14.9	11,445	1,200,203	*	0
6900 RESEARCH ON RSCH MGM	1	0.3	0	15,692	*	0
7000 RSCH EQUIP & TECHNOL	3	0.3	1,299	62,937	*	0
9900 UNCLASSIFIED	1	0.0	0	198,678	*	0
TOTAL	245	160.4	1,398,328	18,867,321	*	73,466

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	3	0.9	1,202	44,791	*	0
0200 WATER	5	4.4	53,186	176,197	*	0
0300 WATERSHEDS RIVER BAS	1	1.5	4,047	68,524	*	0
0400 AIR AND CLIMATE	1	0.5	6,707	24,006	*	0
0600 TIMBER FORST PRODUCT	12	6.6	77,871	328,527	*	0
1000 FRUIT NUTS DECIDUOUS	6	4.0	84,795	206,884	*	0
1100 POTATOES	5	1.4	26,740	67,416	*	0
1200 VEGETABLES	9	4.4	59,012	206,150	*	0
1300 ORNAMENTALS TURF	7	1.9	3,121	89,863	*	0
1400 CORN	6	1.7	22,994	83,367	*	0
2300 SOYBEANS	5	2.2	41,011	119,014	*	0
2600 TOBACCO	9	4.3	78,224	204,392	*	0
2800 MISC NEW CROPS	1	0.1	150	5,676	*	0
3400 OTHER ANIMALS	2	0.7	6,259	35,577	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	8,644	*	0
3800 FOOD	1	0.4	4,753	19,673	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.2	25,037	55,868	*	0
6300 BIO CELL SYSTEMS	2	0.5	11,212	27,715	*	0
6700 PLANTS	4	2.3	9,656	110,954	*	0
TOTAL	82	39.1	515,976	1,883,237	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - CONNECTICUT STORES SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	4	0.9	5,624	5,948	*	0
0200 WATER	3	0.8	2,963	3,353	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	246	403	*	0
0400 AIR AND CLIMATE	2	0.2	5,450	5,450	*	0
0500 RECREATION RESOURCES	4	0.8	19,078	19,703	*	0
0600 TIMBER FORST PRODUCT	3	0.5	8,361	8,381	*	0
0800 WILDLIFE AND FISH	1	0.4	9,716	9,716	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.3	30,849	30,849	*	0
1100 POTATOES	3	0.2	13,309	21,731	*	2,612
1200 VEGETABLES	5	0.9	35,657	39,869	*	0
1300 ORNAMENTALS TURF	3	1.0	17,574	18,443	*	0
1400 CORN	4	1.5	15,516	16,933	*	0
2000 FORAGE CROPS	3	0.1	10,515	15,008	*	0
2900 POULTRY	16	6.2	102,090	374,618	*	31,256
3000 BEEF CATTLE	2	0.7	2,798	4,671	*	0
3100 DAIRY CATTLE	10	1.1	41,886	65,909	*	10,449
3200 SWINE	1	0.4	3,092	3,595	*	0
3300 SHEEP AND WOOL	2	0.6	5,524	7,277	*	0
3400 OTHER ANIMALS	11	6.5	72,044	106,836	*	0
3500 BEES AND HONEY	1	0.1	18,374	18,374	*	0
3600 FARM SUPP & FACILITS	1	0.1	2,661	2,724	*	0
3800 FOOD	2	0.8	18,045	18,413	*	0
3900 HOUSING & EQUIP	2	0.4	6,155	6,780	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.9	23,044	23,605	*	0
4100 FAMILY MEMBERS	1	0.2	8,530	8,630	*	0
4300 SOC POLIT ORGANIZ	6	1.7	62,756	64,596	*	0
6100 WEEDS	1	0.1	6,664	7,517	*	0
6300 BIO CELL SYSTEMS	1	0.3	0	406	*	0
7000 RSCH EQUIP & TECHNOL	1	0.5	7,508	8,019	*	0
5900 UNCLASSIFIED	2	5.3	52,556	1,780,667	*	0
TOTAL	102	33.1	608,702	2,698,421	*	44,317

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.9	18,129	48,568	*	0
0200 WATER	4	0.9	44,788	83,138	*	0
0500 RECREATION RESOURCES	1	0.6	36,674	46,604	*	0
0600 TIMBER FORST PRODUCT	2	1.1	28,488	69,957	*	5,921
0800 WILDLIFE AND FISH	4	1.0	17,076	50,634	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	9,584	9,958	*	0
1100 POTATOES	1	0.1	9,320	9,372	*	0
1200 VEGETABLES	9	3.9	127,197	249,968	*	9,220
1300 ORNAMENTALS TURF	3	0.3	16,774	41,792	*	0
1400 CORN	8	1.4	59,859	111,692	*	0
1500 GRAIN SORGHUM	1	0.1	2,457	4,845	*	0
1700 WHEAT	1	0.1	2,457	4,845	*	0
2300 SOYBEANS	8	1.9	60,449	153,565	*	0
2900 POULTRY	7	2.5	88,060	518,918	*	0
3000 BEEF CATTLE	2	0.1	470	48,052	*	0
3100 DAIRY CATTLE	7	2.3	108,194	297,024	*	0
3400 OTHER ANIMALS	2	0.0	1,953	2,972	*	0
3500 BEES AND HONEY	1	0.6	19,664	25,390	*	0
3600 FARM SUPP & FACILITS	2	0.8	20,244	68,918	*	0
3700 CLOTHING & TEXTILES	1	0.0	107	107	*	0
3800 FOOD	1	0.3	7,435	15,404	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.1	29,750	90,011	*	0
4100 FAMILY MEMBERS	1	0.1	4,636	4,636	*	0
4300 SOC POLIT ORGANIZ	1	0.8	12,546	27,093	*	0
4400 AGRIC ECONOMY U S	3	0.6	5,103	41,069	*	0
6500 INVERTEBRATES	1	0.1	0	2,781	*	0
6700 PLANTS	2	0.3	53,885	70,947	*	0
9900 UNCLASSIFIED	1	0.5	0	51,761	*	2,491
TOTAL	82	22.4	784,997	2,150,080	*	17,632

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0200 WATER	1	0.0	69,325	69,325	*	0
0500 RECREATION RESOURCES	1	0.3	30,529	30,529	*	0
3800 FOOD	1	0.2	10,338	10,338	*	0
4600 FARM COOPERATIVES	1	0.2	10,338	10,338	*	0
TOTAL	4	0.6	120,529	120,529	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FLORIDA					GAINESVILLE	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	55	23.6	94,181	1,596,266	*	8,262
0200 WATER	39	15.4	72,838	1,128,559	*	8,326
0300 WATERSHEDS RIVER BAS	5	2.3	3,211	163,206	*	0
0400 AIR AND CLIMATE	4	0.5	12,036	94,761	*	0
0500 RECREATION RESOURCES	2	0.3	0	16,501	*	0
0600 TIMBER FORST PRODUCT	26	11.5	246,039	1,097,100	*	131,830
0700 RANGE	6	1.4	36,883	136,057	*	0
0800 WILDLIFE AND FISH	22	8.4	45,020	581,194	*	2,146
0900 CITRUS SUB TROP FRUT	74	48.3	51,092	3,638,056	*	30,163
1000 FRUIT NUTS DECIDUOUS	49	16.6	49,081	1,210,356	*	78,060
1100 POTATOES	9	2.9	1,135	170,411	*	0
1200 VEGETABLES	111	50.3	112,429	3,436,805	*	93,858
1300 ORNAMENTALS TURF	53	29.1	59,592	1,904,387	*	21,892
1400 CORN	23	5.7	24,541	363,483	*	0
1500 GRAIN SORGHUM	13	1.0	0	81,862	*	0
1700 WHEAT	6	0.6	0	54,213	*	976
1800 OTHER SMALL GRAINS	9	1.3	0	87,963	*	1,736
1900 PASTURE	25	8.3	7,356	654,465	*	134,831
2000 FORAGE CROPS	43	16.3	24,274	1,078,028	*	25,086
2100 COTTON	1	0.2	0	9,841	*	0
2300 SOYBEANS	32	8.4	47,093	533,534	*	2,600
2400 PEANUTS	21	6.7	46,111	463,788	*	30,069
2600 TOBACCO	8	2.6	7,023	185,850	*	0
2700 SUGAR CROPS	4	1.8	0	160,281	*	0
2800 MISC NEW CROPS	6	0.5	14,399	51,710	*	0
2900 POULTRY	22	7.2	102,722	573,059	*	0
3000 BEEF CATTLE	63	21.8	133,223	2,201,207	*	122,745
3100 DAIRY CATTLE	32	11.8	172,765	1,175,046	*	1,739
3200 SWINE	18	4.3	29,025	517,000	*	7,567
3300 SHEEP AND WOOL	8	1.5	22,673	135,132	*	0
3400 OTHER ANIMALS	17	5.8	67,365	550,363	*	2,197
3500 BEES AND HONEY	1	1.2	10,639	43,748	*	0
3600 FARM SUPP & FACILITS	1	0.1	0	3,458	*	0
3800 FOOD	8	4.5	18,054	278,723	*	11,596
3900 HOUSING & EQUIP	4	1.4	0	100,994	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.8	36,404	463,282	*	0
4100 FAMILY MEMBERS	1	0.1	3,646	9,666	*	0
4200 FARM AS BUSINESS	2	2.7	1,133	88,564	*	0
4300 SOC POLIT ORGANIZ	3	6.9	18,611	144,036	*	0
4400 AGRIC ECONOMY U S	3	3.2	2,626	141,641	*	13,353
4600 FARM COOPERATIVES	1	0.4	3,608	16,683	*	0
4700 OTH MARKET PROCESS	1	0.6	5,051	23,356	*	0
4800 MARKETING SYSTEMS	1	1.0	9,021	41,708	*	0
6100 WEEDS	1	0.3	0	31,547	*	0
6300 BIO CELL SYSTEMS	3	0.7	323	25,515	*	0
6400 EXP DESIGN/STAT METH	1	3.0	15,131	261,329	*	8,355
6500 INVERTEBRATES	8	7.6	31,328	441,199	*	0
6600 MICROORGANISMS,VIRUS	13	6.7	57,320	374,278	*	0
6700 PLANTS	22	8.6	82,534	907,510	*	231,233
6800 ANIMALS (VERTEBRATES)	5	1.4	7,419	111,853	*	0
7000 RSCH EQUIP & TECHNOL	2	0.1	1,226	10,723	*	0
9900 UNCLASSIFIED	1	0.0	0	593,279	*	0
TOTAL	892	368.4	1,786,177	28,151,576	*	968,620

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	7.4	149,588	498,501	*	0
0200 WATER	10	2.6	12,864	167,133	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	4,667	20,705	*	0
0400 AIR AND CLIMATE	1	0.2	27	11,631	*	0
0500 RECREATION RESOURCES	2	0.0	4,922	24,493	*	0
0600 TIMBER FORST PRODUCT	26	21.9	298,880	1,358,354	*	76,036
0700 RANGE	1	0.0	0	3,377	*	0
0800 WILDLIFE AND FISH	10	6.6	100,704	601,689	*	0
1000 FRUIT NUTS DECIDUOUS	41	15.7	272,232	1,094,458	*	2,096
1200 VEGETABLES	35	15.3	206,964	1,108,628	*	9,277
1300 ORNAMENTALS TURF	20	7.4	107,835	459,353	*	0
1400 CORN	20	4.5	74,443	330,662	*	1,770
1500 GRAIN SORGHUM	11	2.2	40,623	189,106	*	118
1700 WHEAT	11	1.5	36,725	116,786	*	465
1800 OTHER SMALL GRAINS	9	2.7	43,133	156,568	*	928
1900 PASTURE	6	1.8	36,331	234,094	*	0
2000 FORAGE CROPS	21	7.1	107,195	477,594	*	0
2100 COTTON	12	3.7	32,215	350,571	*	0
2200 COTTONSEED	2	0.4	1,561	25,902	*	0
2300 SOYBEANS	27	9.9	136,974	736,074	*	32,888
2400 PEANUTS	24	9.9	79,236	777,871	*	9
2500 OTHER OILSEED CROPS	1	0.1	297	5,055	*	0
2600 TOBACCO	7	2.9	9,433	224,413	*	0
2800 MISC NEW CROPS	3	0.3	10,910	16,901	*	0
2900 POULTRY	44	12.1	216,712	1,382,007	*	11,860
3000 BEEF CATTLE	37	11.9	195,525	1,439,959	*	0
3100 DAIRY CATTLE	31	8.3	182,935	1,239,747	*	0
3200 SWINE	22	7.8	105,010	730,735	*	12,862
3300 SHEEP AND WOOL	2	0.3	11,362	17,547	*	0
3400 OTHER ANIMALS	2	1.1	16,349	61,412	*	0
3500 BEES AND HONEY	1	0.1	151	13,044	*	11,754
3600 FARM SUPP & FACILITS	1	0.2	345	10,898	*	18
3800 FOOD	13	6.0	134,901	483,382	*	3,186
3900 HOUSING & EQUIP	7	1.3	15,180	101,548	*	0
4000 PEOPLE AS INDIVIDUAL	12	2.2	54,506	144,329	*	0
4100 FAMILY MEMBERS	5	0.3	6,630	30,218	*	0
4200 FARM AS BUSINESS	6	1.4	15,910	116,424	*	1,156
4300 SOC POLIT ORGANIZ	9	1.6	31,513	145,095	*	142
4400 AGRIC ECONOMY U S	2	1.1	7,716	59,204	*	0
4600 FARM COOPERATIVES	1	0.1	1,456	15,340	*	0
4700 OTH MARKET PROCESS	1	0.0	621	2,450	*	0
6100 WEEDS	1	0.2	382	46,842	*	0
6500 INVERTEBRATES	1	0.2	0	5,951	*	0
6600 MICROORGANISMS, VIRUS	4	1.1	565	114,382	*	21,224
6700 PLANTS	16	5.5	121,186	323,802	*	6,357
6800 ANIMALS (VERTEBRATES)	3	0.2	806	17,902	*	867
7000 RSCH EQUIP & TECHNOL	1	0.1	1,489	7,178	*	0
TOTAL	539	187.5	2,889,009	15,529,315	*	193,011

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.1	121,806	121,806	*	0
0600 TIMBER FORST PRODUCT	1	0.2	32,490	32,490	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	5,071	5,071	*	0
1200 VEGETABLES	6	1.6	310,891	310,891	*	0
1300 ORNAMENTALS TURF	1	0.0	5,071	5,071	*	0
4300 SOC POLIT ORGANIZ	1	0.0	4,272	4,272	*	0
TOTAL	11	1.8	479,601	479,601	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - HAWAII					HONOLULU	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	18	5.9	56,054	279,391	*	36,632
0200 WATER	9	1.4	25,493	98,017	*	19,061
0300 WATERSHEDS RIVER BAS	3	0.5	5,541	23,041	*	0
0400 AIR AND CLIMATE	1	0.3	3,590	14,818	*	0
0600 TIMBER FORST PRODUCT	10	1.5	40,382	175,377	*	45,437
0700 RANGE	3	1.3	7,038	55,464	*	0
0800 WILDLIFE AND FISH	4	1.0	728	104,854	*	0
0900 CITRUS SUB TROP FRUT	60	19.5	164,158	1,326,467	*	33,421
1000 FRUIT NUTS DECIDUOUS	16	3.8	40,237	274,100	*	12,349
1100 POTATOES	3	0.4	0	32,966	*	0
1200 VEGETABLES	51	12.2	78,617	1,138,419	*	184,177
1300 ORNAMENTALS TURF	28	10.1	76,626	546,186	*	6,041
1400 CORN	10	2.9	20,520	324,870	*	3,519
1500 GRAIN SORGHUM	3	0.1	2,052	25,737	*	880
1600 RICE	2	0.1	0	7,812	*	0
1900 PASTURE	4	0.9	4,710	119,319	*	0
2000 FORAGE CROPS	13	2.2	19,711	151,223	*	0
2300 SOYBEANS	6	0.9	3,715	81,706	*	6,052
2400 PEANUTS	1	0.1	0	6,164	*	0
2700 SUGAR CROPS	18	2.8	25,784	152,248	*	0
2800 MISC NEW CROPS	3	1.9	866	173,310	*	4,134
2900 POULTRY	7	2.3	16,673	142,370	*	0
3000 BEEF CATTLE	11	3.5	55,579	302,409	*	0
3100 DAIRY CATTLE	11	1.8	37,720	192,469	*	0
3200 SWINE	6	0.7	210	99,028	*	0
3400 OTHER ANIMALS	4	1.0	0	60,040	*	0
3600 FARM SUPP & FACILITS	2	0.5	0	38,921	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	7,815	*	0
3800 FOOD	11	3.9	33,889	216,841	*	0
3900 HOUSING & EQUIP	7	1.9	15,974	120,664	*	0
4000 PEOPLE AS INDIVIDUAL	8	2.2	32,372	124,793	*	0
4100 FAMILY MEMBERS	2	1.4	17,753	38,640	*	0
4200 FARM AS BUSINESS	1	0.0	2,506	3,407	*	0
4400 AGRIC ECONOMY U S	2	0.4	5,847	14,427	*	0
4600 FARM COOPERATIVES	1	0.1	0	2,533	*	0
4800 MARKETING SYSTEMS	2	0.8	20,243	27,583	*	0
6100 WEEDS	2	0.3	1,237	11,332	*	0
6300 BIO CELL SYSTEMS	1	0.3	1,237	16,085	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	4,236	*	0
6500 INVERTEBRATES	6	1.6	2,552	95,289	*	0
6600 MICROORGANISMS,VIRUS	3	0.5	0	10,362	*	559
6700 PLANTS	4	0.9	4,563	58,640	*	17,785
6900 RESEARCH ON RSCH MGM	1	0.2	0	87,727	*	82,836
7000 RSCH EQUIP & TECHNOL	1	0.1	0	14,905	*	11,084
9900 UNCLASSIFIED	1	0.5	0	27,830	*	0
TOTAL	362	95.1	818,176	6,829,838	*	463,966

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - IDAHO					MOSCOW	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	14	5.3	92,564	467,752	*	82,137
0200 WATER	8	1.7	66,463	188,787	*	6,658
0300 WATERSHEDS RIVER BAS	2	0.0	1,111	2,905	*	701
0400 AIR AND CLIMATE	2	0.4	2,997	11,779	*	0
0500 RECREATION RESOURCES	1	0.3	3,237	25,029	*	0
0600 TIMBER FORST PRODUCT	10	2.4	6,974	153,170	*	22,612
0700 RANGE	6	1.1	17,927	90,801	*	8,334
0800 WILDLIFE AND FISH	4	0.4	5,695	27,380	*	2,454
1000 FRUIT NUTS DECIDUOUS	7	1.7	31,055	130,231	*	0
1100 POTATOES	27	10.2	96,163	790,215	*	28,552
1200 VEGETABLES	26	11.2	152,619	584,861	*	2,715
1300 ORNAMENTALS TURF	2	0.6	13,849	36,673	*	0
1400 CORN	3	0.4	7,703	25,856	*	0
1500 GRAIN SORGHUM	2	0.2	854	7,954	*	0
1700 WHEAT	17	6.7	51,834	725,997	*	97,737
1800 OTHER SMALL GRAINS	9	2.4	12,705	389,258	*	0
2000 FORAGE CROPS	9	2.0	31,814	270,744	*	0
2300 SOYBEANS	1	0.0	54	80	*	0
2500 OTHER OILSEED CROPS	1	0.0	326	478	*	0
2700 SUGAR CROPS	7	1.1	21,879	97,232	*	0
2800 MISC NEW CROPS	5	2.4	109	247,602	*	0
2900 POULTRY	2	0.9	26,554	79,159	*	0
3000 BEEF CATTLE	14	7.4	245,074	891,049	*	22,244
3100 DAIRY CATTLE	8	2.8	45,265	277,493	*	11,330
3200 SWINE	1	0.6	7,624	20,568	*	0
3300 SHEEP AND WOOL	8	2.7	56,989	290,264	*	0
3400 OTHER ANIMALS	1	0.1	2,558	6,240	*	0
3500 BEES AND HONEY	1	0.4	14,602	35,830	*	0
3600 FARM SUPP & FACILITS	4	0.3	10,591	33,639	*	119
3800 FOOD	4	1.4	12,797	72,299	*	8,241
3900 HOUSING & EQUIP	5	0.7	9,977	45,542	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.2	1,979	23,065	*	76
4100 FAMILY MEMBERS	1	0.1	1,921	7,322	*	0
4200 FARM AS BUSINESS	4	1.5	32,618	78,474	*	2,075
4300 SOC POLIT ORGANIZ	3	0.7	27,855	46,300	*	0
4400 AGRIC ECONOMY U S	2	1.0	1,475	29,877	*	0
4800 MARKETING SYSTEMS	1	0.3	0	18,112	*	0
6200 SEED RESEARCH	3	0.7	5,192	17,887	*	0
6400 EXP DESIGN/STAT METH	1	0.3	8,520	23,956	*	0
6500 INVERTEBRATES	2	0.5	5,214	15,451	*	0
6600 MICROORGANISMS,VIRUS	2	0.1	1,576	12,747	*	0
6700 PLANTS	5	2.1	32,438	94,288	*	411
6800 ANIMALS (VERTEBRATES)	2	0.1	783	11,777	*	122
6900 RESEARCH ON RSCH MGM	1	0.5	0	21,507	*	0
9900 UNCLASSIFIED	1	0.6	0	71,059	*	0
TOTAL	241	76.4	1,165,532	6,498,687	*	296,514

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SIS 1977	WITH SABS AMOUNT 1977
0100 SOIL AND LAND	31	14.9	208,666	841,374	*	0
0200 WATER	11	3.4	43,480	221,201	*	0
0300 WATERSHEDS RIVER BAS	4	0.9	22,530	41,454	*	0
0400 AIR AND CLIMATE	2	1.0	3,727	71,804	*	0
0500 RECREATION RESOURCES	4	0.7	21,778	29,735	*	0
0600 TIMBER FORST PRODUCT	20	5.4	124,231	249,714	*	0
0800 WILDLIFE AND FISH	1	0.3	3,096	15,732	*	0
1000 FRUIT NUTS DECIDUOUS	12	5.7	44,680	422,056	*	0
1200 VEGETABLES	17	5.6	92,854	434,396	*	0
1300 ORNAMENTALS TURF	10	4.7	32,165	210,467	*	0
1400 CORN	36	12.2	249,750	977,908	*	21,510
1500 GRAIN SORGHUM	4	0.8	17,848	42,179	*	0
1600 RICE	1	0.2	1,154	8,332	*	0
1700 WHEAT	11	1.1	17,441	90,775	*	0
1800 OTHER SMALL GRAINS	7	0.9	14,692	72,216	*	0
1900 PASTURE	1	0.4	5,673	20,863	*	0
2000 FORAGE CROPS	12	4.9	58,475	361,849	*	0
2100 COTTON	1	0.1	1,823	3,375	*	0
2300 SOYBEANS	46	19.6	307,899	1,147,387	*	80,922
2400 PEANUTS	1	0.0	2,084	3,905	*	0
2500 OTHER OILSEED CROPS	1	0.2	7,577	30,496	*	0
2700 SUGAR CROPS	1	0.0	213	1,119	*	0
2800 MISC NEW CROPS	1	0.1	11,122	15,259	*	0
2900 POULTRY	6	1.9	32,394	224,695	*	0
3000 BEEF CATTLE	17	7.6	161,578	710,182	*	13,959
3100 DAIRY CATTLE	31	14.5	303,197	1,259,309	*	13,959
3200 SWINE	22	9.1	178,093	1,111,500	*	0
3300 SHEEP AND WOOL	9	3.2	41,065	283,871	*	0
3400 OTHER ANIMALS	16	4.4	67,380	431,445	*	13,325
3500 BEES AND HONEY	1	0.6	2,551	34,751	*	0
3600 FARM SUPP & FACILITS	3	1.6	22,425	87,885	*	0
3700 CLOTHING & TEXTILES	3	0.2	12,078	25,408	*	0
3800 FOOD	19	3.7	107,001	496,757	*	0
3900 HOUSING & EQUIP	9	4.8	100,862	344,416	*	4,974
4000 PEOPLE AS INDIVIDUAL	14	2.8	54,041	287,686	*	0
4100 FAMILY MEMBERS	6	2.1	53,460	141,784	*	0
4200 FARM AS BUSINESS	7	4.2	128,236	203,032	*	0
4300 SOC POLIT ORGANIZ	7	4.3	70,726	198,376	*	0
4400 AGRIC ECONOMY U S	4	2.2	60,269	125,393	*	0
4600 FARM COOPERATIVES	1	0.1	5,022	7,662	*	0
4800 MARKETING SYSTEMS	4	1.6	45,639	104,014	*	25,701
6300 BIO CELL SYSTEMS	7	2.5	57,733	243,189	*	0
6400 EXP DESIGN/STAT METH	2	1.6	9,210	67,807	*	0
6600 MICROORGANISMS,VIRUS	4	1.6	19,301	66,881	*	0
6700 PLANTS	9	4.7	101,052	255,117	*	0
6800 ANIMALS (VEETEBRATES)	3	0.6	25,002	44,593	*	0
6900 RESEARCH ON RSCH MGM	2	0.2	1,462	7,734	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	2,749	5,649	*	0
9900 UNCLASSIFIED	1	0.5	13,918	17,031	*	0
TOTAL	443	163.7	2,969,398	12,099,761	*	174,350

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - INDIANA					LAFAYETTE	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	28	8.2	101,269	979,362	*	28,289
0200 WATER	18	4.0	46,834	355,292	*	2,223
0300 WATERSHEDS RIVER BAS	5	2.0	4,846	199,539	*	10,648
0400 AIR AND CLIMATE	6	1.6	41,424	158,656	*	0
0500 RECREATION RESOURCES	3	1.3	7,199	84,885	*	0
0600 TIMBER FORST PRODUCT	23	8.5	157,196	741,796	*	50,842
0800 WILDLIFE AND FISH	6	2.4	10,755	141,319	*	0
1000 FRUIT NUTS DECIDUOUS	10	4.3	69,188	248,761	*	4,803
1100 POTATOES	7	2.1	33,647	117,551	*	0
1200 VEGETABLES	23	6.1	101,164	483,258	*	1,029
1300 ORNAMENTALS TURF	9	1.9	35,206	191,739	*	1,048
1400 CORN	47	14.7	231,859	999,140	*	36,360
1500 GRAIN SORGHUM	6	1.1	6,359	35,200	*	6,153
1700 WHEAT	21	5.4	51,491	382,576	*	12,542
1800 OTHER SMALL GRAINS	4	0.4	5,146	38,485	*	1,238
1900 PASTURE	2	0.4	2,102	25,979	*	0
2000 FORAGE CROPS	15	4.2	90,397	297,398	*	16,957
2300 SOYBEANS	35	10.1	129,924	774,293	*	22,745
2500 OTHER OILSEED CROPS	2	0.6	9	7,516	*	44
2700 SUGAR CROPS	1	0.1	2,724	5,663	*	0
2800 MISC NEW CROPS	3	2.8	13,477	135,240	*	1,716
2900 POULTRY	17	5.7	113,246	575,113	*	1,089
3000 BEEF CATTLE	36	6.9	110,297	1,177,060	*	16,840
3100 DAIRY CATTLE	26	6.5	170,556	781,294	*	1,978
3200 SWINE	37	11.2	117,696	1,314,243	*	90,909
3300 SHEEP AND WOOL	11	1.4	8,722	165,428	*	752
3400 OTHER ANIMALS	12	3.6	51,435	241,869	*	0
3500 BEES AND HONEY	1	0.1	0	10,696	*	0
3600 FARM SUPP & FACILITS	4	0.6	10,324	60,179	*	0
3700 CLOTHING & TEXTILES	3	0.6	22,873	44,343	*	0
3800 FOOD	11	2.1	41,069	209,169	*	0
3900 HOUSING & EQUIP	10	1.7	31,003	124,019	*	5,098
4000 PEOPLE AS INDIVIDUAL	16	3.3	68,309	422,177	*	80,515
4100 FAMILY MEMBERS	11	0.9	48,714	93,474	*	0
4200 FARM AS BUSINESS	12	4.2	140,607	214,035	*	2,314
4300 SOC POLIT ORGANIZ	12	2.7	69,509	123,654	*	301
4400 AGRIC ECONOMY U S	6	1.9	46,331	105,498	*	33,224
4500 AGRIC ECONOMY FORGM	2	0.6	14,246	29,902	*	5,850
4600 FARM COOPERATIVES	3	0.6	2,863	46,939	*	2,983
4700 OTH MARKET PROCESS	3	0.7	1,579	58,296	*	2,526
4800 MARKETING SYSTEMS	6	0.9	17,078	68,758	*	4,828
6100 WEEDS	4	0.6	17,071	83,778	*	0
6200 SEED RESEARCH	1	0.2	2,436	12,690	*	0
6300 BIO CELL SYSTEMS	9	10.9	58,555	653,009	*	0
6400 EXP DESIGN/STAT METH	3	0.7	10,706	60,882	*	501
6500 INVERTEBRATES	9	4.7	81,631	386,703	*	0
6600 MICROORGANISMS,VIRUS	7	4.5	58,491	284,725	*	0
6700 PLANTS	15	5.3	108,730	390,791	*	0
6800 ANIMALS (VERTEBRATES)	18	7.2	106,616	800,985	*	208
7000 RSCH EQUIP & TECHNOL	7	2.5	34,227	270,848	*	763
9900 UNCLASSIFIED	1	1.4	4,479	749,846	*	0
TOTAL	587	176.5	2,714,613	15,964,957	*	447,313

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - IOWA

ANES

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	36	10.2	158,273	1,381,640	*	14,982
0200 WATER	24	3.1	47,757	451,110	*	14,982
0300 WATERSHEDS RIVER BAS	5	1.0	41,836	153,947	*	4,287
0400 AIR AND CLIMATE	7	2.2	45,998	147,147	*	0
0500 RECREATION RESOURCES	5	0.8	22,039	72,094	*	6,720
0600 TIMBER FORST PRODUCT	8	3.0	77,007	228,580	*	12,402
0800 WILDLIFE AND FISH	26	1.0	1,018	184,775	*	0
1000 FRUIT NUTS DECIDUOUS	7	2.4	0	109,118	*	0
1100 POTATOES	2	0.0	0	4,139	*	0
1200 VEGETABLES	6	1.0	2,055	64,723	*	0
1300 ORNAMENTALS TURF	15	3.4	36,066	233,024	*	4,275
1400 CORN	50	13.2	251,864	1,585,001	*	152,992
1500 GRAIN SORGHUM	4	0.8	12,968	82,415	*	4,275
1700 WHEAT	4	0.2	11,330	16,146	*	1,819
1800 OTHER SMALL GRAINS	10	2.9	122,200	382,412	*	5,040
1900 PASTURE	3	1.9	38,151	186,592	*	0
2000 FORAGE CROPS	12	1.2	54,259	228,707	*	17,099
2300 SOYBEANS	42	9.5	231,675	1,140,018	*	30,149
2800 MISC NEW CROPS	3	0.4	40,959	64,781	*	12,824
2900 POULTRY	24	3.5	147,523	532,795	*	7,583
3000 BEEF CATTLE	37	8.5	416,080	1,651,773	*	51,973
3100 DAIRY CATTLE	19	5.5	199,525	976,049	*	68
3200 SWINE	37	9.4	516,793	1,766,654	*	37,207
3300 SHEEP AND WOOL	4	0.3	1,487	97,177	*	0
3400 OTHER ANIMALS	12	2.8	52,410	277,999	*	4,870
3600 FARM SUPP & FACILITS	9	0.8	29,514	107,755	*	7,015
3700 CLOTHING & TEXTILES	2	0.4	0	30,572	*	0
3800 FOOD	11	1.7	51,375	163,057	*	0
3900 HOUSING & EQUIP	11	1.6	36,933	131,571	*	31,641
4000 PEOPLE AS INDIVIDUAL	26	3.4	28,885	341,367	*	7,305
4100 FAMILY MEMBERS	16	0.7	84,297	160,842	*	597
4200 FARM AS BUSINESS	10	0.6	28,964	166,904	*	19,213
4300 SOC POLIT ORGANIZ	22	3.9	126,239	622,621	*	105,546
4400 AGRIC ECONOMY U S	12	1.3	25,729	375,553	*	13,930
4500 AGRIC ECONOMY FORGN	3	0.4	1,821	14,509	*	3,380
4600 FARM COOPERATIVES	2	0.1	12,806	14,667	*	0
4700 OTH MARKET PROCESS	2	0.2	9,866	23,649	*	0
4800 MARKETING SYSTEMS	1	0.3	27,251	28,358	*	9
6300 BIO CELL SYSTEMS	5	1.4	13,911	203,621	*	0
6400 EXP DESIGN/STAT METH	4	0.6	9,206	295,494	*	232,369
6500 INVERTEBRATES	1	0.4	0	13,188	*	0
6600 MICROORGANISMS, VIRUS	2	1.2	0	82,321	*	0
6700 PLANTS	4	0.6	10,611	37,149	*	224
6800 ANIMALS (VERTEBRATES)	6	2.3	13,911	240,480	*	0
6900 RESEARCH ON RSCH MGN	5	1.2	0	75,704	*	43,033
7000 RSCH EQUIP & TECHNOL	3	0.7	12,991	19,783	*	0
9900 UNCLASSIFIED	1	4.4	0	621,120	*	0
TOTAL	560	116.6	3,053,584	15,789,101	*	847,808

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KANSAS MANHATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	24	5.0	27,764	375,815	*	9,633
0200 WATER	42	10.1	48,948	695,852	*	9,633
0300 WATERSHEDS RIVER BAS	6	0.5	0	37,958	*	0
0400 AIR AND CLIMATE	4	2.3	20,503	190,139	*	0
0600 TIMBER FORST PRODUCT	21	5.0	80,651	260,318	*	0
0700 RANGE	12	5.0	50,552	301,417	*	0
0800 WILDLIFE AND FISH	8	2.0	0	92,481	*	0
1000 FRUIT NUTS DECIDUOUS	8	3.5	3,041	181,270	*	0
1100 POTATOES	8	0.7	3,854	46,844	*	0
1200 VEGETABLES	16	2.3	26,056	122,856	*	0
1300 ORNAMENTALS TURF	12	2.4	1,399	121,984	*	0
1400 CORN	71	9.6	83,677	755,454	*	0
1500 GRAIN SORGHUM	67	13.0	102,052	1,011,526	*	0
1600 RICE	3	1.2	832	4,158	*	0
1700 WHEAT	110	20.5	246,231	1,707,284	*	56,795
1800 OTHER SMALL GRAINS	16	1.4	30,871	140,261	*	0
1900 PASTURE	5	0.8	3,447	73,979	*	0
2000 FORAGE CROPS	39	6.2	70,020	439,585	*	8,329
2300 SOYBEANS	44	6.4	45,933	439,500	*	13,122
2500 OTHER OILSEED CROPS	4	0.4	7,327	25,977	*	0
2700 SUGAR CROPS	5	0.8	0	43,397	*	0
2800 MISC NEW CROPS	2	0.1	1,468	9,262	*	0
2900 POULTRY	25	7.3	155,471	540,151	*	0
3000 BEEF CATTLE	79	16.8	310,479	2,704,460	*	35,185
3100 DAIRY CATTLE	56	8.8	119,316	872,175	*	0
3200 SWINE	25	4.1	57,507	366,841	*	0
3300 SHEEP AND WOOL	21	3.2	38,053	319,110	*	0
3400 OTHER ANIMALS	18	1.2	0	110,042	*	0
3500 BEES AND HONEY	1	0.1	0	3,290	*	0
3600 FARM SUPP & FACILITS	8	0.9	1,141	94,235	*	0
3700 CLOTHING & TEXTILES	2	0.7	0	16,484	*	0
3800 FOOD	11	1.8	27,309	109,091	*	0
3900 HOUSING & EQUIP	8	1.6	9,628	116,068	*	15,520
4000 PEOPLE AS INDIVIDUAL	25	3.1	35,368	203,965	*	0
4100 FAMILY MEMBERS	7	1.9	35,708	103,711	*	0
4200 FARM AS BUSINESS	2	0.7	0	32,748	*	0
4300 SOC POLIT ORGANIZ	25	4.3	90,843	330,207	*	0
4400 AGRIC ECONOMY U S	2	0.1	0	14,733	*	0
4600 FARM COOPERATIVES	2	0.3	19,883	22,082	*	0
4700 OTH MARKET PROCESS	1	0.0	0	3,988	*	0
4800 MARKETING SYSTEMS	3	1.0	0	42,234	*	0
6100 WEEDS	1	0.0	0	444	*	0
6300 BIO CELL SYSTEMS	19	5.6	28,667	375,482	*	0
6500 INVERTEBRATES	2	0.9	26,723	38,093	*	0
6600 MICROORGANISMS, VIRUS	7	1.4	1,234	72,418	*	0
6700 PLANTS	18	2.2	5,464	197,159	*	0
6800 ANIMALS (VERTEBRATES)	17	3.3	57,486	263,519	*	0
7000 RSCH EQUIP & TECHNOL	2	0.7	0	34,382	*	0
9900 UNCLASSIFIED	1	14.4	0	616,510	*	36,945
TOTAL	915	185.6	1,874,910	14,700,960	*	185,162

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	14	3.4	111,458	290,230	*	0
0200 WATER	10	1.9	78,562	191,459	*	0
0300 WATERSHEDS RIVER BAS	2	1.0	21,665	66,579	*	0
0400 AIR AND CLIMATE	1	0.3	18,023	31,237	*	0
0500 RECREATION RESOURCES	1	0.7	8,868	26,111	*	0
0600 TIMBER FORST PRODUCT	14	4.9	118,263	414,879	*	0
0800 WILDLIFE AND FISH	1	0.8	10,747	41,696	*	0
1000 FRUIT NUTS DECIDUOUS	6	4.3	47,590	224,999	*	0
1100 POTATOES	2	0.4	25,448	59,621	*	3,602
1200 VEGETABLES	11	5.2	129,269	282,898	*	8,404
1300 ORNAMENTALS TURF	7	2.9	56,775	142,053	*	0
1400 CORN	10	2.8	113,964	233,476	*	4,802
1500 GRAIN SORGHUM	1	0.2	6,822	7,564	*	0
1700 WHEAT	3	0.5	27,064	42,362	*	0
1800 OTHER SMALL GRAINS	3	0.5	54,803	129,077	*	4,802
1900 PASTURE	2	0.0	0	5,941	*	0
2000 FORAGE CROPS	21	7.5	188,198	796,053	*	25,648
2300 SOYBEANS	16	6.3	258,197	486,751	*	21,734
2600 TOBACCO	15	5.8	168,992	455,120	*	2,401
2800 MISC NEW CROPS	1	0.5	9,016	9,016	*	0
2900 POULTRY	2	0.6	23,262	86,049	*	0
3000 BEEF CATTLE	21	7.7	240,300	994,346	*	0
3100 DAIRY CATTLE	13	4.1	163,569	435,472	*	0
3200 SWINE	6	3.3	100,401	308,246	*	40,782
3300 SHEEP AND WOOL	12	2.2	107,048	232,733	*	0
3400 OTHER ANIMALS	11	9.7	149,802	739,339	*	0
3800 FOOD	5	2.6	45,533	105,505	*	0
3900 HOUSING & EQUIP	3	1.2	46,729	92,749	*	0
4000 PEOPLE AS INDIVIDUAL	7	2.6	59,022	130,880	*	0
4100 FAMILY MEMBERS	5	1.1	27,634	48,294	*	0
4200 FARM AS BUSINESS	2	0.6	17,294	27,775	*	0
4300 SOC POLIT ORGANIZ	12	5.7	145,088	241,424	*	0
4400 AGRIC ECONOMY U S	1	0.0	4,090	7,764	*	0
4600 FARM COOPERATIVES	1	0.1	1,825	5,195	*	0
4700 OTH MARKET PROCESS	1	0.4	7,392	11,149	*	0
4800 MARKETING SYSTEMS	4	0.8	23,789	47,020	*	0
6400 EXP DESIGN/STAT METH	3	0.7	3,888	23,564	*	0
6500 INVERTEBRATES	1	0.4	719	17,042	*	0
6700 PLANTS	7	4.3	70,393	303,192	*	0
6800 ANIMALS (VERTEBRATES)	1	0.1	1,672	5,597	*	0
6900 RESEARCH ON RSCH MGM	1	1.1	20,840	43,438	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	16	1,509	*	0
9900 UNCLASSIFIED	3	2.3	111,714	247,299	*	0
TOTAL	264	101.1	2,825,741	8,092,700	*	112,175

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	23	6.2	149,628	398,946	*	14,435
0200 WATER	10	1.7	17,713	115,485	*	3,460
0500 RECREATION RESOURCES	3	0.3	8,544	17,118	*	0
0600 TIMBER FORST PRODUCT	35	9.0	170,103	505,961	*	25,495
0700 RANGE	1	0.2	0	7,299	*	0
0800 WILDLIFE AND FISH	28	10.1	18,515	702,409	*	0
0900 CITRUS SUB TROP FRUT	7	1.4	1,670	93,631	*	0
1000 FRUIT NUTS DECIDUOUS	26	7.3	6,851	461,960	*	0
1100 POTATOES	4	1.0	23,743	67,704	*	0
1200 VEGETABLES	41	17.3	134,226	1,020,964	*	26,226
1300 ORNAMENTALS TURF	16	7.6	7,191	372,867	*	0
1400 CORN	16	2.5	22,451	151,480	*	0
1500 GRAIN SORGHUM	12	1.5	6,201	86,694	*	0
1600 RICE	35	15.9	57,144	853,552	*	3,606
1700 WHEAT	12	0.7	783	55,776	*	0
1800 OTHER SMALL GRAINS	9	0.6	5,015	32,003	*	0
1900 PASTURE	27	5.6	30,620	500,830	*	1,577
2000 FORAGE CROPS	27	5.7	58,867	573,432	*	525
2100 COTTON	38	13.0	174,915	869,348	*	55,662
2300 SOYBEANS	39	10.3	115,903	1,000,465	*	36,188
2600 TOBACCO	1	0.1	0	509	*	0
2700 SUGAR CROPS	27	13.7	89,515	695,948	*	5,567
2800 MISC NEW CROPS	4	0.6	571	27,163	*	0
2900 POULTRY	13	6.5	120,356	737,726	*	0
3000 BEEF CATTLE	53	21.4	257,039	2,188,794	*	2,376
3100 DAIRY CATTLE	35	19.3	174,275	1,757,697	*	3,597
3200 SWINE	4	1.1	8,766	188,390	*	0
3300 SHEEP AND WOOL	2	0.4	0	38,431	*	0
3400 OTHER ANIMALS	11	3.3	56,793	279,897	*	22,962
3600 FARM SUPP & FACILITS	5	2.1	4,983	107,097	*	0
3700 CLOTHING & TEXTILES	6	0.9	24,689	62,047	*	0
3800 FOOD	6	1.7	15,292	65,139	*	0
3900 HOUSING & EQUIP	6	1.7	8,188	147,467	*	39,596
4000 PEOPLE AS INDIVIDUAL	21	3.6	35,994	163,882	*	0
4100 FAMILY MEMBERS	6	1.2	16,413	40,034	*	0
4200 FARM AS BUSINESS	4	1.7	8,670	71,920	*	3,459
4300 SOC POLIT ORGANIZ	12	2.5	87,412	134,638	*	0
4400 AGRIC ECONOMY U S	1	0.2	4,669	14,855	*	0
4600 FARM COOPERATIVES	1	0.1	6,586	6,586	*	0
4700 OTH MARKET PROCESS	2	0.4	6,356	21,635	*	0
4800 MARKETING SYSTEMS	3	1.5	11,151	49,413	*	26,548
6400 EXP DESIGN/STAT METH	2	0.6	0	53,761	*	0
6500 INVERTEBRATES	6	2.0	3,858	79,807	*	452
6700 PLANTS	5	1.3	27,374	78,306	*	603
6800 ANIMALS (VERTEBRATES)	2	0.4	12,223	34,502	*	0
6900 RESEARCH ON RSCH MGM	2	2.3	0	140,372	*	0
7000 RSCH EQUIP & TECHNOL	1	1.1	0	43,323	*	0
TOTAL	657	209.6	1,991,254	15,137,260	*	272,331

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	4.1	89,180	233,958	*	0
0200 WATER	10	1.9	50,386	154,077	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	2,543	9,773	*	0
0400 AIR AND CLIMATE	1	0.1	3,927	6,222	*	0
0500 RECREATION RESOURCES	4	0.2	9,193	20,746	*	0
0600 TIMBER FORST PRODUCT	11	2.2	77,130	129,196	*	0
0800 WILDLIFE AND FISH	6	2.2	24,353	103,590	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	1,824	4,863	*	0
1000 FRUIT NUTS DECIDUOUS	14	3.5	84,955	257,927	*	0
1100 POTATOES	3	0.4	19,500	30,133	*	0
1200 VEGETABLES	25	6.2	131,970	422,498	*	0
1300 ORNAMENTALS TURF	15	2.1	43,491	203,857	*	0
1400 CORN	9	2.5	33,061	101,896	*	0
1700 WHEAT	2	0.8	17,339	49,537	*	0
1800 OTHER SMALL GRAINS	2	0.4	11,239	33,494	*	0
1900 PASTURE	1	0.0	0	3,976	*	0
2000 FORAGE CROPS	9	2.4	52,152	228,448	*	0
2100 COTTON	1	0.2	3,651	9,191	*	0
2300 SOYBEANS	10	3.3	45,604	234,100	*	47,111
2400 PEANUTS	1	0.1	416	1,174	*	0
2600 TOBACCO	10	3.1	29,036	250,876	*	0
2800 MISC NEW CROPS	1	0.2	2,394	4,388	*	0
2900 POULTRY	19	9.4	162,783	611,820	*	0
3000 BEEF CATTLE	12	3.1	28,745	263,264	*	0
3100 DAIRY CATTLE	19	7.1	154,414	782,030	*	0
3200 SWINE	5	0.7	16,295	81,638	*	0
3300 SHEEP AND WOOL	2	0.2	12,831	21,189	*	0
3400 OTHER ANIMALS	11	3.3	15,286	197,066	*	0
3500 BEES AND HONEY	1	0.3	127	13,649	*	0
3700 CLOTHING & TEXTILES	1	0.0	14,942	14,942	*	0
3800 FOOD	5	0.6	19,170	65,031	*	0
3900 HOUSING & EQUIP	2	0.0	6,961	8,623	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.0	69,944	166,650	*	0
4100 FAMILY MEMBERS	2	0.0	4,014	4,859	*	0
4200 FARM AS BUSINESS	3	0.7	11,979	28,454	*	0
4300 SOC POLIT ORGANIZ	6	2.2	91,155	137,609	*	0
4400 AGRIC ECONOMY U S	3	0.5	12,785	21,092	*	0
4500 AGRIC ECONOMY FORGN	2	0.7	9,266	30,161	*	0
6400 EXP DESIGN/STAT METH	1	0.2	250	1,966	*	0
6500 INVERTEBRATES	1	0.5	0	15,266	*	0
6600 MICROORGANISMS, VIRUS	2	0.4	11,691	23,742	*	0
6700 PLANTS	13	3.7	81,344	211,322	*	0
6800 ANIMALS (VERTEBRATES)	2	0.0	458	2,936	*	0
7000 RSCH EQUIP & TECHNOL	1	0.9	0	43,115	*	0
9900 UNCLASSIFIED	1	0.4	0	24,717	*	0
TOTAL	278	72.6	1,457,782	5,265,062	*	47,111

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MAINE ORONO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	8	3.7	74,313	153,576	*	4,963
0200 WATER	2	0.8	9,018	47,691	*	0
0400 AIR AND CLIMATE	1	0.4	10,067	14,334	*	0
0500 RECREATION RESOURCES	4	1.7	28,973	49,955	*	217
0600 TIMBER FORST PRODUCT	30	15.7	240,237	981,411	*	51,559
0800 WILDLIFE AND FISH	13	5.0	70,485	421,648	*	10,099
1000 FRUIT NUTS DECIDUOUS	11	6.2	133,140	422,219	*	4,892
1100 POTATOES	19	9.4	226,010	633,041	*	3,973
1200 VEGETABLES	2	0.2	694	21,057	*	0
1400 CORN	2	0.4	8,562	13,708	*	0
1700 WHEAT	1	0.1	2,041	2,290	*	0
1800 OTHER SMALL GRAINS	1	0.0	509	600	*	0
2000 FORAGE CROPS	4	1.0	28,227	51,501	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	15,853	*	0
2900 POULTRY	9	3.1	88,248	199,184	*	0
3100 DAIRY CATTLE	12	5.1	128,717	520,649	*	0
3300 SHEEP AND WOOL	3	0.6	20,219	140,593	*	0
3400 OTHER ANIMALS	1	0.1	2,795	8,192	*	0
3800 FOOD	3	0.9	11,019	34,766	*	0
3900 HOUSING & EQUIP	2	1.0	15,420	33,960	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.7	29,559	55,148	*	217
4200 FARM AS BUSINESS	1	0.1	2,370	2,749	*	0
4300 SOC POLIT ORGANIZ	6	2.0	54,064	87,263	*	3,575
4800 MARKETING SYSTEMS	1	0.3	6,927	9,934	*	0
6300 BIO CELL SYSTEMS	1	0.4	7,844	44,209	*	0
6500 INVERTEBRATES	1	0.6	0	34,465	*	34,465
6600 MICROORGANISMS,VIRUS	2	0.9	22,204	38,019	*	0
6700 PLANTS	3	0.5	11,322	16,353	*	0
6800 ANIMALS (VERTEBRATES)	1	0.5	0	9,693	*	0
7000 RSCH EQUIP & TECHNOL	3	0.5	7,905	33,325	*	9,179
9900 UNCLASSIFIED	1	0.4	15,880	17,819	*	0
TOTAL	155	63.1	1,256,967	4,115,623	*	123,137

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	7	2.4	110,933	187,579	*	21,454
0200 WATER	4	1.0	15,420	73,498	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	12,109	26,076	*	0
0500 RECREATION RESOURCES	2	0.3	17,171	32,456	*	0
0600 TIMBER FORST PRODUCT	17	4.4	180,274	400,213	*	0
0800 WILDLIFE AND FISH	2	1.0	32,885	45,284	*	0
1000 FRUIT NUTS DECIDUOUS	13	6.5	127,848	405,083	*	1,400
1100 POTATOES	2	0.4	44,126	61,475	*	0
1200 VEGETABLES	15	3.3	119,580	327,940	*	16,657
1300 ORNAMENTALS TURP	6	0.9	31,866	92,658	*	0
1400 CORN	7	1.2	26,014	99,498	*	840
2000 FORAGE CROPS	6	1.3	37,807	111,501	*	33,133
2800 MISC NEW CROPS	2	0.1	7,227	15,104	*	0
2900 POULTRY	8	2.1	75,811	232,371	*	1,000
3000 BEEF CATTLE	3	0.1	9,048	18,853	*	0
3100 DAIRY CATTLE	6	0.6	53,436	132,683	*	0
3300 SHEEP AND WOOL	1	0.0	1,758	4,361	*	0
3400 OTHER ANIMALS	4	1.0	17,518	43,994	*	0
3700 CLOTHING & TEXTILES	1	0.4	3,056	4,056	*	0
3800 FOOD	9	4.1	240,807	371,198	*	12,408
3900 HOUSING & EQUIP	1	0.4	27,715	48,200	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.4	69,328	123,636	*	0
4300 SOC POLIT ORGANIZ	2	0.3	15,866	30,936	*	0
4400 AGRIC ECONOMY U S	1	0.2	4,066	15,077	*	0
6500 INVERTEBRATES	1	0.2	8,674	16,129	*	0
6700 PLANTS	4	2.3	47,754	138,262	*	0
6800 ANIMALS (VERTEBRATES)	1	0.4	10,932	23,247	*	0
TOTAL	133	37.4	1,349,026	3,081,367	*	86,892

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	37	7.6	169,830	871,584	*	32,881
0200 WATER	15	2.9	35,751	373,311	*	10,124
0300 WATERSHEDS RIVER BAS	3	0.9	13,382	49,724	*	0
0400 AIR AND CLIMATE	3	0.4	1,508	43,847	*	865
0500 RECREATION RESOURCES	12	3.4	46,971	200,228	*	0
0600 TIMBER FORST PRODUCT	26	7.5	78,728	694,395	*	47,074
0800 WILDLIFE AND FISH	17	5.2	59,190	449,913	*	0
1000 FRUIT NUTS DECIDUOUS	49	18.7	182,661	1,120,010	*	9,899
1100 POTATOES	9	1.9	24,146	149,748	*	0
1200 VEGETABLES	37	11.5	101,065	827,006	*	2,209
1300 ORNAMENTALS TURF	14	5.9	41,983	347,551	*	0
1400 CORN	19	4.4	47,241	395,822	*	5,523
1500 GRAIN SORGHUM	1	0.0	0	0	*	0
1700 WHEAT	13	4.1	6,350	286,599	*	0
1800 OTHER SMALL GRAINS	11	1.9	33,183	139,886	*	1,881
1900 PASTURE	2	0.1	0	17,577	*	0
2000 FORAGE CROPS	15	3.5	23,762	387,374	*	10,093
2300 SOYBEANS	12	1.8	16,944	133,667	*	0
2600 TOBACCO	1	0.1	0	8,004	*	0
2700 SUGAR CROPS	4	0.3	10,817	61,535	*	1,881
2800 MISC NEW CROPS	2	0.2	1,621	17,007	*	0
2900 POULTRY	24	5.7	133,443	498,544	*	0
3000 BEEF CATTLE	21	2.1	67,748	853,522	*	25,156
3100 DAIRY CATTLE	36	15.8	174,585	981,803	*	22,794
3200 SWINE	19	5.5	104,186	645,958	*	40,199
3300 SHEEP AND WOOL	7	0.6	13,296	81,529	*	7,088
3400 OTHER ANIMALS	12	3.5	15,911	169,061	*	0
3500 BEES AND HONEY	1	0.2	0	28,206	*	0
3600 FARM SUPP & FACILITS	6	0.6	6,755	116,746	*	15,114
3700 CLOTHING & TEXTILES	1	0.2	5,084	10,815	*	0
3800 FOOD	21	5.7	135,273	575,212	*	124,519
3900 HOUSING & EQUIP	10	2.1	7,893	156,298	*	7,560
4000 PEOPLE AS INDIVIDUAL	19	4.6	71,629	275,212	*	37,839
4100 FAMILY MEMBERS	13	3.4	35,454	198,749	*	0
4200 FARM AS BUSINESS	5	1.3	14,781	65,007	*	720
4300 SOC POLIT ORGANIZ	18	3.0	58,836	283,201	*	18,335
4400 AGRIC ECONOMY U S	7	2.3	16,603	157,930	*	23,663
4500 AGRIC ECONOMY FORGM	4	0.9	10,023	627,090	*	452,678
4600 FARM COOPERATIVES	2	0.3	28,230	34,119	*	2,494
4700 OTH MARKET PROCESS	1	0.1	4,805	10,694	*	2,494
4800 MARKETING SYSTEMS	3	0.8	9,192	44,036	*	4,772
6300 BIO CELL SYSTEMS	5	2.1	24,404	208,077	*	0
6400 EXP DESIGN/STAT METH	6	2.1	33,797	109,288	*	0
6500 INVERTEBRATES	6	2.2	15,919	203,799	*	0
6600 MICROORGANISMS,VIRUS	10	3.0	29,693	238,894	*	0
6700 PLANTS	24	8.9	86,616	1,281,969	*	129,942
6800 ANIMALS(VERTEBRATES)	21	7.1	115,091	767,542	*	332
6900 RESEARCH ON RSCH MGM	1	0.2	4,053	9,387	*	0
7000 RSCH EQUIP & TECHNOL	10	1.6	29,304	236,392	*	24,286
9900 UNCLASSIFIED	2	0.0	569,063	779,173	*	0
TOTAL	617	168.3	2,716,801	16,229,043	*	1,062,412

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	21	10.4	167,378	1,096,811	*	10,000
0200 WATER	6	1.6	19,016	127,346	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	14,314	41,212	*	0
0400 AIR AND CLIMATE	4	1.7	35,675	170,209	*	0
0500 RECREATION RESOURCES	5	2.0	40,896	105,917	*	4,500
0600 TIMBER FORST PRODUCT	28	16.5	246,725	1,123,221	*	22,430
0700 RANGE	2	0.1	4,524	28,187	*	0
0800 WILDLIFE AND FISH	10	4.8	57,186	379,792	*	1,275
1000 FRUIT NUTS DECIDUOUS	2	1.3	10,850	525,982	*	0
1100 POTATOES	11	6.5	59,292	467,516	*	0
1200 VEGETABLES	16	4.6	46,945	345,381	*	13,143
1300 ORNAMENTALS TURF	11	6.4	49,692	829,109	*	0
1400 CORN	25	9.1	161,091	973,475	*	6,449
1600 RICE	6	2.9	6,194	329,859	*	0
1700 WHEAT	10	1.9	36,084	321,267	*	99
1800 OTHER SMALL GRAINS	11	5.3	82,166	531,400	*	700
2000 FORAGE CROPS	15	4.9	98,615	569,036	*	0
2300 SOYBEANS	21	7.2	48,938	693,587	*	24,992
2500 OTHER OILSEED CROPS	1	0.5	0	35,668	*	0
2800 MISC NEW CROPS	3	3.2	8,347	237,362	*	7,500
2900 POULTRY	18	6.5	206,420	820,850	*	12,000
3000 BEEF CATTLE	10	4.1	73,123	1,077,473	*	61,852
3100 DAIRY CATTLE	29	10.5	250,970	2,087,699	*	55,734
3200 SWINE	15	6.8	183,989	1,120,387	*	7,500
3300 SHEEP AND WOOL	6	2.7	40,318	635,896	*	0
3400 OTHER ANIMALS	7	0.7	38,153	103,701	*	0
3500 BEES AND HONEY	2	0.5	0	27,589	*	0
3600 FARM SUPP & FACILITS	2	0.5	18,592	137,272	*	99
3700 CLOTHING & TEXTILES	2	2.3	33,759	96,425	*	0
3800 FOOD	26	9.5	235,041	911,317	*	62,480
3900 HOUSING & EQUIP	2	0.7	0	26,392	*	0
4000 PEOPLE AS INDIVIDUAL	8	4.8	104,944	242,275	*	0
4100 FAMILY MEMBERS	9	3.6	39,448	269,852	*	0
4200 FARM AS BUSINESS	3	0.5	0	54,778	*	0
4300 SOC POLIT ORGANIZ	7	2.3	104,611	189,401	*	0
4400 AGRIC ECONOMY U S	4	1.1	26,189	69,610	*	0
4500 AGRIC ECONOMY FORGM	2	0.7	18,835	57,626	*	0
4800 MARKETING SYSTEMS	2	0.4	19,310	40,752	*	15,000
6100 WEEDS	1	0.1	0	7,246	*	0
6300 BIO CELL SYSTEMS	4	1.1	5,118	228,930	*	0
6400 EXP DESIGN/STAT METH	1	0.9	19,891	38,926	*	0
6500 INVERTEBRATES	5	2.8	18,615	231,434	*	0
6700 PLANTS	12	8.6	88,676	736,262	*	0
6800 ANIMALS(VERTEBRATES)	6	2.3	9,637	226,725	*	0
6900 RESEARCH ON RSCH MGM	2	1.1	0	40,553	*	0
7000 RSCH EQUIP & TECHNOL	3	1.4	33,475	146,811	*	0
9900 UNCLASSIFIED	1	0.2	50,759	78,334	*	0
TOTAL	398	168.0	2,814,200	18,631,451	*	305,753

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	13	4.2	64,870	418,088	*	17,281
0200 WATER	7	1.7	26,030	82,202	*	5,104
0300 WATERSHEDS RIVER BAS	1	0.0	0	117	*	0
0500 RECREATION RESOURCES	1	0.0	0	11,353	*	0
0600 TIMBER FORST PRODUCT	40	22.3	235,928	1,679,173	*	128,380
0700 RANGE	1	0.1	3,469	5,442	*	0
0800 WILDLIFE AND FISH	22	5.5	99,367	453,939	*	28,787
1000 FRUIT NUTS DECIDUOUS	11	6.4	86,718	441,703	*	0
1100 POTATOES	1	0.2	5,020	18,458	*	0
1200 VEGETABLES	20	10.7	177,636	603,551	*	2,338
1300 ORNAMENTALS TURF	6	6.1	133,760	367,387	*	0
1400 CORN	15	1.8	26,951	186,601	*	16,531
1500 GRAIN SORGHUM	8	0.8	9,714	53,711	*	0
1600 RICE	4	1.3	25,315	112,703	*	0
1700 WHEAT	4	1.1	23,111	41,048	*	0
1800 OTHER SMALL GRAINS	5	0.6	11,152	42,316	*	0
1900 PASTURE	3	1.6	3,469	63,406	*	0
2000 FORAGE CROPS	15	6.3	111,023	577,715	*	0
2100 COTTON	41	21.0	272,977	1,652,488	*	122,833
2300 SOYBEANS	42	9.9	157,892	958,642	*	40,027
2400 PEANUTS	2	0.1	3,012	12,292	*	779
2500 OTHER OILSEED CROPS	1	0.0	1,063	1,896	*	0
2600 TOBACCO	1	0.1	13,143	52,214	*	0
2700 SUGAR CROPS	1	0.0	0	17,397	*	13,059
2900 POULTRY	22	5.9	229,851	598,720	*	330
3000 BEEF CATTLE	19	10.4	277,700	1,432,810	*	4,772
3100 DAIRY CATTLE	19	10.3	170,940	1,030,433	*	0
3200 SWINE	9	3.9	102,944	513,365	*	0
3300 SHEEP AND WOOL	1	0.4	0	62,539	*	0
3400 OTHER ANIMALS	4	0.8	11,550	87,015	*	0
3600 FARM SUPP & FACILITS	1	0.5	0	30,234	*	0
3900 HOUSING & EQUIP	1	0.1	1,077	17,355	*	0
4000 PEOPLE AS INDIVIDUAL	13	7.5	136,630	333,771	*	25,022
4100 FAMILY MEMBERS	1	0.1	74	4,551	*	0
4200 FARM AS BUSINESS	3	0.9	21,417	44,409	*	0
4300 SOC POLIT ORGANIZ	5	0.8	3,720	90,419	*	69,917
4600 FARM COOPERATIVES	1	0.5	10,549	15,168	*	0
4700 OTH MARKET PROCESS	2	0.2	17,350	25,264	*	0
4800 MARKETING SYSTEMS	1	0.1	9,280	24,417	*	7,382
6200 SEED RESEARCH	2	0.6	36,152	67,148	*	0
6300 BIO CELL SYSTEMS	2	0.2	4,983	27,089	*	0
6500 INVERTEBRATES	4	0.2	0	47,535	*	2,451
6600 MICROORGANISMS,VIRUS	1	0.0	0	1,217	*	779
6700 PLANTS	5	1.5	28,322	718,996	*	788
6800 ANIMALS (VERTEBRATES)	3	0.5	13,628	30,624	*	0
9900 UNCLASSIFIED	2	0.0	38,862	38,862	*	0
TOTAL	386	147.9	2,608,247	13,095,779	*	486,560

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	4.0	95,116	418,024	*	5,102
0200 WATER	6	0.9	22,826	98,523	*	124
0300 WATERSHEDS RIVER BAS	2	2.3	24,115	181,390	*	32,405
0400 AIR AND CLIMATE	5	2.3	77,904	382,076	*	104,410
0500 RECREATION RESOURCES	1	0.3	5,698	26,899	*	0
0600 TIMBER FORST PRODUCT	12	8.3	143,425	587,583	*	30,978
0800 WILDLIFE AND FISH	3	1.4	16,684	267,160	*	8,687
0900 CITRUS SUB TROP FRUT	1	0.3	2,847	20,454	*	0
1000 FRUIT NUTS DECIDUOUS	10	4.1	69,324	372,885	*	16,678
1100 POTATOES	1	0.0	2,904	4,565	*	0
1200 VEGETABLES	7	2.1	81,010	185,398	*	917
1300 ORNAMENTALS TURF	4	1.4	34,012	150,617	*	0
1400 CORN	23	8.4	160,159	1,036,893	*	67,045
1500 GRAIN SORGHUM	7	1.4	41,685	167,770	*	8,353
1700 WHEAT	10	2.9	72,221	404,051	*	2,984
1800 OTHER SMALL GRAINS	5	0.7	11,238	71,819	*	0
1900 PASTURE	6	1.2	26,380	194,657	*	8,749
2000 FORAGE CROPS	21	5.7	93,984	465,169	*	22,851
2100 COTTON	8	4.5	47,831	294,436	*	917
2300 SOYBEANS	24	6.4	103,385	630,961	*	86,308
2500 OTHER OILSEED CROPS	1	0.3	5,928	25,239	*	0
2600 TOBACCO	1	0.1	551	5,293	*	0
2700 SUGAR CROPS	1	0.3	1,377	13,233	*	0
2800 MISC NEW CROPS	3	1.1	14,614	77,991	*	0
2900 POULTRY	13	5.3	172,735	530,079	*	2,252
3000 BEEF CATTLE	23	8.3	217,225	718,332	*	48,832
3100 DAIRY CATTLE	17	8.7	273,372	950,464	*	18,084
3200 SWINE	16	5.5	188,146	661,938	*	29,608
3300 SHEEP AND WOOL	5	1.2	38,014	134,917	*	8,033
3400 OTHER ANIMALS	8	1.8	18,225	140,014	*	5,349
3600 FARM SUPP & FACILITS	2	0.3	2,077	49,205	*	1,905
3800 FOOD	5	1.4	39,850	147,115	*	81
3900 HOUSING & EQUIP	1	0.5	2,792	38,547	*	11,139
4000 PEOPLE AS INDIVIDUAL	6	1.9	88,953	236,860	*	0
4100 FAMILY MEMBERS	3	0.6	20,118	64,446	*	0
4200 FARM AS BUSINESS	6	1.8	62,984	142,982	*	2,575
4300 SOC POLIT ORGANIZ	8	3.5	70,965	190,086	*	5,523
4400 AGRIC ECONOMY U S	5	2.0	30,413	163,727	*	32,389
4500 AGRIC ECONOMY FORGN	1	1.2	0	71,137	*	0
4600 FARM COOPERATIVES	3	1.0	44,766	63,975	*	0
4700 OTH MARKET PROCESS	2	0.7	25,025	40,991	*	0
4800 MARKETING SYSTEMS	5	0.9	46,155	90,534	*	14,155
6300 BIO CELL SYSTEMS	2	1.0	9,091	48,321	*	0
6400 EXP DESIGN/STAT METH	2	0.2	1,847	15,506	*	0
6500 INVERTEBRATES	3	1.0	3,962	93,805	*	0
6700 PLANTS	11	3.5	48,248	394,340	*	62,576
6800 ANIMALS (VERTEBRATES)	7	3.3	52,732	316,667	*	36,005
7000 RSCH EQUIP & TECHNOL	3	0.4	11,117	55,848	*	0
9900 UNCLASSIFIED	1	0.4	34,011	82,140	*	0
TOTAL	336	116.7	2,658,041	11,530,058	*	675,011

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	10.0	53,397	1,154,763	*	21,364
0200 WATER	11	3.8	39,634	375,483	*	900
0400 AIR AND CLIMATE	2	0.5	3,098	20,416	*	0
0500 RECREATION RESOURCES	2	0.4	5,203	23,397	*	0
0600 TIMBER FORST PRODUCT	1	0.2	0	5,827	*	0
0700 RANGE	14	3.1	45,807	269,801	*	0
0800 WILDLIFE AND FISH	3	0.6	16,603	92,176	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.0	0	27,058	*	0
1100 POTATOES	3	0.7	3,968	52,864	*	0
1200 VEGETABLES	3	0.4	7,111	25,866	*	0
1300 ORNAMENTALS TURF	5	1.1	25,108	72,494	*	0
1400 CORN	5	0.4	3,968	48,869	*	0
1500 GRAIN SORGHUM	1	0.1	0	7,547	*	0
1700 WHEAT	32	8.7	143,533	641,383	*	33,575
1800 OTHER SMALL GRAINS	33	6.7	121,674	472,548	*	8,394
1900 PASTURE	4	0.3	411	32,053	*	0
2000 FORAGE CROPS	28	7.6	49,222	598,229	*	29,364
2500 OTHER OILSEED CROPS	3	1.0	22,099	99,235	*	0
2700 SUGAR CROPS	7	1.0	3,968	118,555	*	0
2900 POULTRY	2	1.7	18,445	69,559	*	0
3000 BEEF CATTLE	31	5.5	334,714	2,051,085	*	119,324
3100 DAIRY CATTLE	4	1.3	50,812	191,937	*	1,236
3200 SWINE	6	1.5	35,421	330,004	*	1,236
3300 SHEEP AND WOOL	8	2.5	61,570	222,396	*	1,236
3400 OTHER ANIMALS	2	0.2	7,579	25,798	*	0
3600 FARM SUPP & FACILITS	2	0.4	8,843	9,967	*	0
3900 HOUSING & EQUIP	2	0.2	0	11,320	*	0
4000 PEOPLE AS INDIVIDUAL	8	1.4	29,839	81,687	*	0
4100 FAMILY MEMBERS	1	0.2	0	12,068	*	0
4200 FARM AS BUSINESS	3	0.2	5,470	17,161	*	0
4300 SOC POLIT ORGANIZ	5	0.9	1,309	73,405	*	0
4400 AGRIC ECONOMY U S	1	0.5	7,758	21,268	*	0
4700 OTH MARKET PROCESS	1	0.2	5,470	5,615	*	0
6100 WEEDS	1	0.1	933	2,469	*	0
6300 BIO CELL SYSTEMS	1	0.1	1,865	4,937	*	0
6500 INVERTEBRATES	2	0.3	933	15,000	*	0
6700 PLANTS	7	1.9	23,155	95,427	*	0
6800 ANIMALS (VERTEBRATES)	1	0.0	0	4,496	*	0
7000 RSCH EQUIP & TECHNOL	2	0.0	1,705	62,074	*	0
TOTAL	265	65.3	1,140,625	7,446,236	*	216,628

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	21	8.8	127,174	708,543	*	115,443
0200 WATER	23	4.8	63,980	739,454	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	351	4,562	*	0
0400 AIR AND CLIMATE	3	0.3	4,622	18,812	*	0
0500 RECREATION RESOURCES	2	0.1	725	3,545	*	0
0600 TIMBER FORST PRODUCT	4	1.0	32,748	72,647	*	0
0700 RANGE	8	2.0	19,242	156,640	*	1,719
0800 WILDLIFE AND FISH	2	0.2	1,915	17,470	*	0
1100 POTATOES	9	1.2	29,070	158,164	*	1,601
1200 VEGETABLES	18	4.0	37,862	300,774	*	25,336
1300 ORNAMENTALS TURF	6	2.9	19,847	174,486	*	0
1400 CORN	50	12.3	179,632	1,167,156	*	8,253
1500 GRAIN SORGHUM	31	8.7	122,563	715,418	*	9,206
1700 WHEAT	25	7.2	109,696	484,227	*	3,864
1800 OTHER SMALL GRAINS	5	1.0	9,287	108,618	*	0
1900 PASTURE	9	1.0	9,720	109,546	*	1,719
2000 FORAGE CROPS	31	4.9	128,884	542,247	*	40,056
2300 SOYBEANS	23	5.6	76,025	518,749	*	34,285
2700 SUGAR CROPS	8	0.7	6,268	56,401	*	0
2800 MISC NEW CROPS	1	0.1	1,598	12,656	*	0
2900 POULTRY	13	5.7	122,126	513,669	*	0
3000 BEEF CATTLE	39	14.3	192,742	4,802,999	*	736,322
3100 DAIRY CATTLE	15	4.2	76,851	813,271	*	0
3200 SWINE	27	13.1	173,435	2,703,872	*	264,858
3300 SHEEP AND WOOL	8	1.0	7,007	277,836	*	44,728
3400 OTHER ANIMALS	1	0.3	0	42,330	*	0
3600 FARM SUPP & FACILITS	3	2.2	7,632	200,432	*	0
3700 CLOTHING & TEXTILES	2	0.6	8,162	38,334	*	0
3800 FOOD	7	2.0	56,061	231,519	*	0
3900 HOUSING & EQUIP	2	0.3	1,884	8,857	*	0
4000 PEOPLE AS INDIVIDUAL	12	5.7	65,908	321,609	*	0
4100 FAMILY MEMBERS	5	1.5	17,496	63,358	*	0
4200 FARM AS BUSINESS	6	2.0	12,000	66,085	*	0
4300 SOC POLIT ORGANIZ	6	1.8	40,344	92,685	*	1,661
4400 AGRIC ECONOMY U S	1	0.2	3,509	9,463	*	0
4700 OTH MARKET PROCESS	1	0.1	8,648	13,870	*	0
4800 MARKETING SYSTEMS	2	0.7	21,618	41,901	*	2,492
6100 WEEDS	2	0.3	1,559	20,826	*	0
6200 SEED RESEARCH	1	1.0	0	338,664	*	0
6400 EXP DESIGN/STAT METH	1	2.9	0	177,848	*	0
6500 INVERTEBRATES	1	0.6	7,740	37,316	*	0
6600 MICROORGANISMS,VIRUS	4	1.8	20,278	125,429	*	3,201
6700 PLANTS	7	2.3	14,292	476,573	*	0
6800 ANIMALS (VERTEBRATES)	5	0.9	3,682	387,695	*	0
9900 UNCLASSIFIED	2	12.0	0	789,743	*	60,621
TOTAL	453	144.2	1,841,231	18,666,295	*	1,355,363

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	10	1.5	42,623	87,043	*	0
0200 WATER	6	0.9	14,458	131,817	*	0
0300 WATERSHEDS RIVER BAS	6	1.0	12,523	107,144	*	15,350
0400 AIR AND CLIMATE	1	0.3	9,212	10,331	*	0
0500 RECREATION RESOURCES	5	1.1	30,359	64,511	*	0
0600 TIMBER FORST PRODUCT	6	1.2	10,289	71,093	*	28,251
0700 RANGE	11	1.2	12,391	126,138	*	24,543
0800 WILDLIFE AND FISH	9	1.1	17,875	121,544	*	8,721
1200 VEGETABLES	3	0.4	1,535	38,329	*	0
1300 ORNAMENTALS TURF	2	0.8	18,031	44,931	*	0
1700 WHEAT	2	0.4	1,954	29,934	*	0
1800 OTHER SMALL GRAINS	2	0.4	1,954	29,934	*	0
1900 PASTURE	1	0.3	0	24,280	*	0
2000 FORAGE CROPS	14	5.7	109,464	427,721	*	18,376
2700 SUGAR CROPS	1	0.0	180	3,694	*	0
3000 BEEF CATTLE	19	9.4	201,746	900,908	*	0
3100 DAIRY CATTLE	7	2.0	51,236	276,173	*	0
3300 SHEEP AND WOOL	5	0.5	15,345	50,122	*	0
3400 OTHER ANIMALS	5	0.4	22,227	39,775	*	0
3500 BEES AND HONEY	1	0.3	13,902	19,093	*	0
3700 CLOTHING & TEXTILES	1	0.2	1,799	3,389	*	0
3800 FOOD	4	1.0	17,017	53,343	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.3	5,419	9,393	*	0
4100 FAMILY MEMBERS	3	0.8	21,174	29,349	*	0
4300 SOC POLIT ORGANIZ	7	1.1	45,324	66,115	*	0
6600 MICROORGANISMS,VIRUS	1	0.6	13,694	32,618	*	0
6700 PLANTS	3	0.7	21,828	34,299	*	0
6800 ANIMALS(VERTEBRATES)	2	0.3	7,017	35,639	*	0
7000 RSCH EQUIP & TECHNOL	2	0.0	1,100	15,715	*	9,084
9900 UNCLASSIFIED	1	0.6	0	20,967	*	0
TOTAL	142	34.7	721,677	2,905,339	*	104,325

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	7	2.8	39,916	91,647	*	0
0200 WATER	3	1.0	41,273	41,695	*	0
0300 WATERSHEDS RIVER BAS	3	0.5	13,208	15,719	*	0
0400 AIR AND CLIMATE	1	0.2	0	16,756	*	0
0500 RECREATION RESOURCES	2	0.4	6,307	6,845	*	0
0600 TIMBER FORST PRODUCT	17	4.9	221,062	331,696	*	0
0800 WILDLIFE AND FISH	5	0.7	23,040	46,904	*	0
1000 FRUIT NUTS DECIDUOUS	4	0.7	35,277	42,329	*	0
1100 POTATOES	1	0.0	1,751	1,751	*	0
1200 VEGETABLES	7	2.0	79,907	127,890	*	0
1300 ORNAMENTALS TURF	2	0.4	22,191	32,322	*	0
1400 CORN	2	1.0	47,895	74,245	*	0
2000 FORAGE CROPS	4	1.2	32,876	106,972	*	25,154
2300 SOYBEANS	1	0.3	4,115	7,471	*	0
2900 POULTRY	4	3.3	183,350	307,838	*	0
3000 BEEF CATTLE	1	0.0	1,751	1,751	*	0
3100 DAIRY CATTLE	6	2.7	111,155	251,985	*	0
3200 SWINE	1	0.0	1,751	1,751	*	0
3400 OTHER ANIMALS	3	1.7	49,752	95,289	*	0
3800 FOOD	1	0.0	1,340	2,255	*	0
3900 HOUSING & EQUIP	4	0.5	13,911	15,945	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.1	1,273	2,810	*	0
4300 SOC POLIT ORGANIZ	3	0.8	20,934	21,175	*	0
4800 MARKETING SYSTEMS	1	0.4	17,510	17,510	*	0
6400 EXP DESIGN/STAT METH	1	0.0	0	2,361	*	0
6500 INVERTEBRATES	3	0.4	6,227	59,060	*	0
6600 MICROORGANISMS,VIRUS	1	0.5	15,446	20,143	*	0
6700 PLANTS	4	0.9	28,169	36,469	*	0
6800 ANIMALS(VERTEBRATES)	1	0.3	5,305	11,709	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	8,500	*	0
TOTAL	95	27.9	1,026,692	1,800,792	*	25,154

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	29	10.2	90,573	721,474	*	0
0200 WATER	15	5.6	30,594	475,933	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	0	22,844	*	14,667
0400 AIR AND CLIMATE	6	1.1	21,906	156,411	*	1,611
0500 RECREATION RESOURCES	3	1.0	44,467	84,241	*	0
0600 TIMBER FORST PRODUCT	10	4.5	71,568	283,013	*	0
0700 RANGE	1	0.1	838	5,687	*	0
0800 WILDLIFE AND FISH	8	1.6	6,571	236,362	*	0
0900 CITRUS SUB TROP FRUT	1	0.1	4,955	16,882	*	0
1000 FRUIT NUTS DECIDUOUS	37	10.6	194,342	856,788	*	39,966
1100 POTATOES	6	1.0	41,617	123,755	*	0
1200 VEGETABLES	30	10.4	125,933	718,696	*	25,580
1300 ORNAMENTALS TURF	14	6.1	123,216	552,975	*	0
1400 CORN	6	0.3	148	24,133	*	2,936
1700 WHEAT	2	0.6	10,146	58,712	*	0
1800 OTHER SMALL GRAINS	4	0.1	1,585	18,943	*	2,936
1900 PASTURE	1	0.0	1,149	6,375	*	0
2000 FORAGE CROPS	9	2.5	64,290	271,683	*	2,936
2200 COTTONSEED	1	0.1	0	4,299	*	0
2300 SOYBEANS	7	0.4	0	52,944	*	0
2400 PEANUTS	2	0.2	970	42,127	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	33,172	*	0
2800 MISC NEW CROPS	1	0.3	11,546	21,567	*	0
2900 POULTRY	13	4.5	84,199	420,011	*	0
3000 BEEF CATTLE	2	0.5	0	64,100	*	0
3100 DAIRY CATTLE	10	3.1	21,843	244,687	*	0
3200 SWINE	4	0.7	5,677	84,647	*	0
3400 OTHER ANIMALS	11	1.7	14,227	266,612	*	0
3600 FARM SUPP & FACILITS	1	0.4	5,205	11,579	*	0
3800 FOOD	18	6.6	110,761	657,833	*	0
3900 HOUSING & EQUIP	8	1.7	16,764	120,428	*	11,322
4000 PEOPLE AS INDIVIDUAL	12	5.5	31,993	462,439	*	11,322
4200 FARM AS BUSINESS	2	0.3	2,407	20,121	*	0
4300 SOC POLIT ORGANIZ	9	3.8	72,923	262,233	*	0
4400 AGRIC ECONOMY U S	1	0.7	8,998	26,161	*	0
6100 WEEDS	2	0.2	14,551	48,130	*	0
6300 BIO CELL SYSTEMS	3	0.3	4,592	42,606	*	0
6500 INVERTEBRATES	4	3.1	57,414	182,260	*	0
6600 MICROORGANISMS,VIRUS	10	2.2	26,946	219,722	*	0
6700 PLANTS	14	12.6	215,337	574,877	*	102,209
6800 ANIMALS (VERTEBRATES)	1	0.5	9,420	65,374	*	0
7000 RSCH EQUIP & TECHNOL	3	1.4	0	117,723	*	0
9900 UNCLASSIFIED	1	2.3	0	278,749	*	0
TOTAL	324	108.9	1,549,371	8,958,403	*	215,485

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW MEXICO UNIV PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	8	3.9	85,881	140,113	*	0
0200 WATER	6	1.3	30,011	87,579	*	0
0400 AIR AND CLIMATE	3	0.5	11,216	15,257	*	0
0500 RECREATION RESOURCES	2	0.4	26,424	26,424	*	0
0600 TIMBER FORST PRODUCT	8	3.7	79,018	148,843	*	0
0700 RANGE	15	6.8	36,987	256,972	*	0
0800 WILDLIFE AND FISH	5	0.7	5,722	43,815	*	0
1000 FRUIT NUTS DECIDUOUS	8	3.9	1,340	166,987	*	0
1100 POTATOES	2	0.2	0	7,102	*	0
1200 VEGETABLES	21	7.9	71,725	352,534	*	0
1300 ORNAMENTALS TURF	4	0.2	3,849	21,329	*	0
1400 CORN	9	0.9	1,833	50,435	*	0
1500 GRAIN SORGHUM	13	2.0	3,448	92,877	*	0
1700 WHEAT	10	0.8	3,448	49,040	*	0
1800 OTHER SMALL GRAINS	8	1.0	0	54,507	*	0
1900 PASTURE	2	0.1	0	7,579	*	0
2000 FORAGE CROPS	24	13.8	60,619	444,387	*	24,000
2100 COTTON	17	9.4	130,203	491,207	*	41,500
2300 SOYBEANS	2	0.1	0	3,677	*	0
2400 PEANUTS	2	0.5	0	20,489	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	6,713	*	0
2700 SUGAR CROPS	3	0.1	0	8,895	*	0
2800 MISC NEW CROPS	3	1.3	0	25,381	*	0
2900 POULTRY	4	0.1	9,802	61,391	*	0
3000 BEEF CATTLE	17	10.0	180,553	540,586	*	0
3100 DAIRY CATTLE	5	0.2	36,777	63,276	*	0
3300 SHEEP AND WOOL	7	1.1	18,326	64,930	*	0
3400 OTHER ANIMALS	3	0.3	11,488	25,820	*	0
3600 FARM SUPP & FACILITS	1	0.1	2,073	2,700	*	0
3800 FOOD	1	0.8	0	12,081	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.5	25,569	50,314	*	0
4100 FAMILY MEMBERS	1	0.5	18,971	18,971	*	0
4200 FARM AS BUSINESS	2	0.3	16,768	30,102	*	0
4300 SOC POLIT ORGANIZ	7	2.1	43,845	52,243	*	0
4400 AGRIC ECONOMY U S	1	0.3	19,054	19,054	*	0
4600 FARM COOPERATIVES	1	0.1	2,073	2,700	*	0
4700 OTH MARKET PROCESS	1	0.1	2,073	2,700	*	0
4800 MARKETING SYSTEMS	2	0.6	13,043	14,609	*	0
6700 PLANTS	3	1.3	37,326	92,585	*	0
6800 ANIMALS (VERTEBRATES)	2	0.7	10,896	36,937	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	0	1,254	*	0
9900 UNCLASSIFIED	1	0.7	9,631	31,247	*	0
TOTAL	240	80.9	1,009,991	3,647,640	*	65,500

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AFPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	23	7.5	136,264	695,635	*	10,883
0200 WATER	16	8.0	18,319	340,587	*	0
0300 WATERSHEDS RIVER BAS	4	0.5	13,557	57,902	*	6,395
0400 AIR AND CLIMATE	4	0.9	13,589	45,015	*	2,500
0500 RECREATION RESOURCES	5	1.2	17,941	104,035	*	0
0600 TIMBER FORST PRODUCT	16	3.2	69,852	270,900	*	0
0800 WILDLIFE AND FISH	29	7.1	39,502	1,110,890	*	8,810
1000 FRUIT NUTS DECIDUOUS	21	7.4	125,278	522,527	*	567
1100 POTATOES	27	6.6	126,733	719,336	*	57,952
1200 VEGETABLES	47	11.2	202,386	1,047,312	*	0
1300 ORNAMENTALS TURF	18	5.1	67,527	543,719	*	0
1400 CORN	22	6.2	113,126	564,855	*	0
1600 RICE	1	0.0	871	3,925	*	0
1700 WHEAT	8	0.8	20,610	111,273	*	0
1800 OTHER SMALL GRAINS	7	0.7	14,448	133,149	*	0
1900 PASTURE	1	0.0	2,466	5,935	*	0
2000 FORAGE CROPS	24	6.2	81,161	672,444	*	28,423
2300 SOYBEANS	5	1.1	12,568	87,548	*	0
2500 OTHER OILSEED CROPS	1	0.1	2,182	4,787	*	0
2700 SUGAR CROPS	1	0.3	2,150	5,626	*	0
2900 POULTRY	40	12.7	122,249	1,358,550	*	22,273
3000 BEEF CATTLE	27	5.0	29,194	379,514	*	6,009
3100 DAIRY CATTLE	92	26.6	297,395	2,502,947	*	16,301
3200 SWINE	17	4.2	11,804	333,021	*	0
3300 SHEEP AND WOOL	20	4.8	8,207	226,886	*	0
3400 OTHER ANIMALS	50	19.8	32,139	1,624,009	*	11,356
3500 BEES AND HONEY	2	1.3	3,499	54,144	*	0
3600 FARM SUPP & FACILITS	3	0.4	0	38,335	*	0
3700 CLOTHING & TEXTILES	2	0.5	11,044	38,409	*	0
3800 FOOD	34	7.4	112,663	760,770	*	18,640
3900 HOUSING & EQUIP	11	6.3	32,908	385,642	*	39,141
4000 PEOPLE AS INDIVIDUAL	52	18.1	161,637	1,577,393	*	80,925
4100 FAMILY MEMBERS	8	2.1	56,362	469,691	*	3,146
4200 FARM AS BUSINESS	6	2.8	35,816	158,098	*	0
4300 SOC POLIT ORGANIZ	37	10.0	175,981	816,567	*	57,669
4400 AGRIC ECONOMY U S	1	0.3	4,864	19,844	*	0
4500 AGRIC ECONOMY FORGN	4	0.6	11,843	63,066	*	0
4700 OTH MARKET PROCESS	5	1.9	0	91,507	*	0
4800 MARKETING SYSTEMS	5	0.6	28,720	50,169	*	4,162
6100 WEEDS	1	0.2	5,633	20,958	*	0
6300 BIO CELL SYSTEMS	15	5.7	69,305	560,157	*	1,578
6400 EXP DESIGN/STAT METH	5	2.4	26,694	145,653	*	0
6500 INVERTEBRATES	14	8.6	16,225	624,989	*	0
6600 MICROORGANISMS,VIRUS	25	8.2	66,222	745,399	*	2,432
6700 PLANTS	24	9.6	105,166	558,498	*	0
6800 ANIMALS (VERTEBRATES)	17	10.1	36,725	527,816	*	19,452
7000 RSCH EQUIP & TECHNOL	2	0.1	4,911	56,785	*	0
TOTAL	799	244.5	2,547,711	21,236,211	*	398,613

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AFPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.2	9,256	18,306	*	0
0200 WATER	1	0.1	696	3,244	*	0
0400 AIR AND CLIMATE	1	0.4	6,579	31,179	*	0
0600 TIMBER FORST PRODUCT	1	0.1	0	5,248	*	0
0800 WILDLIFE AND FISH	1	0.5	0	46,208	*	0
1000 FRUIT NUTS DECIDUOUS	94	37.9	243,632	2,285,492	*	101,806
1100 POTATOES	2	0.4	0	14,791	*	0
1200 VEGETABLES	65	21.7	178,342	1,251,145	*	106,059
1300 ORNAMENTALS TURF	5	1.1	17,483	83,478	*	0
1700 WHEAT	1	0.0	0	1,195	*	0
1800 OTHER SMALL GRAINS	2	0.1	550	6,466	*	0
2000 FORAGE CROPS	4	0.3	21,495	37,121	*	0
2300 SOYBEANS	2	0.1	550	6,466	*	0
2800 MISC NEW CROPS	2	0.5	0	28,352	*	0
3800 FOOD	4	1.7	3,556	62,816	*	44
6200 SEED RESEARCH	9	3.0	8,883	174,460	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	20,440	*	0
6500 INVERTEBRATES	1	0.6	0	81,567	*	0
6700 PLANTS	1	0.2	0	7,006	*	3,500
6800 ANIMALS (VERTEBRATES)	1	0.1	0	3,033	*	1,500
9900 UNCLASSIFIED	1	0.0	0	59,390	*	0
TOTAL	200	69.2	491,021	4,227,373	*	212,909

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	31	7.2	116,826	543,000	*	6,576
0200 WATER	16	3.6	65,945	935,113	*	14,221
0300 WATERSHEDS RIVER BAS	3	0.9	22,194	42,231	*	0
0400 AIR AND CLIMATE	2	0.2	3,222	8,596	*	798
0500 RECREATION RESOURCES	5	0.6	10,293	43,461	*	0
0600 TIMBER FORST PRODUCT	45	16.2	359,866	1,359,152	*	29,474
0800 WILDLIFE AND FISH	22	3.6	38,077	322,671	*	0
1000 FRUIT NUTS DECIDUOUS	55	15.5	278,660	1,740,515	*	11,009
1100 POTATOES	9	1.5	13,460	170,792	*	5,436
1200 VEGETABLES	56	17.0	163,573	1,849,884	*	34,305
1300 ORNAMENTALS TURF	21	5.7	113,939	652,267	*	2,526
1400 CORN	41	6.7	65,556	787,147	*	3,102
1500 GRAIN SORGHUM	3	0.2	615	23,727	*	0
1700 WHEAT	7	1.1	20,110	95,517	*	1,152
1800 OTHER SMALL GRAINS	4	0.9	16,981	59,183	*	576
1900 PASTURE	3	0.0	2,619	41,243	*	0
2000 FORAGE CROPS	23	2.5	41,100	498,720	*	2,334
2100 COTTON	26	3.9	94,758	417,958	*	33,140
2300 SOYBEANS	55	10.4	198,180	938,782	*	115,578
2400 PEANUTS	28	7.1	139,399	815,486	*	34,813
2500 OTHER OILSEED CROPS	1	0.1	1,367	4,149	*	0
2600 TOBACCO	61	23.4	281,306	3,047,419	*	51,334
2800 MISC NEW CROPS	1	0.2	4,855	23,542	*	0
2900 POULTRY	47	13.5	405,777	1,749,004	*	1,993
3000 BEEF CATTLE	37	5.5	218,549	953,202	*	2,334
3100 DAIRY CATTLE	41	11.1	383,790	1,342,040	*	4,103
3200 SWINE	29	6.7	209,489	1,170,494	*	0
3300 SHEEP AND WOOL	9	0.7	10,311	134,755	*	0
3400 OTHER ANIMALS	10	0.9	23,731	91,095	*	0
3500 BEES AND HONEY	1	0.3	0	25,266	*	0
3700 CLOTHING & TEXTILES	2	2.0	0	11,639	*	0
3800 FOOD	8	2.3	74,835	182,149	*	0
3900 HOUSING & EQUIP	3	0.2	11,067	27,574	*	0
4000 PEOPLE AS INDIVIDUAL	19	2.8	70,505	279,769	*	3,195
4100 FAMILY MEMBERS	7	2.4	45,075	114,522	*	17
4200 FARM AS BUSINESS	3	0.5	9,641	31,841	*	0
4300 SOC POLIT ORGANIZ	17	2.4	128,562	221,094	*	1,362
4400 AGRIC ECONOMY U S	1	0.1	4,656	12,617	*	23
4700 OTH MARKET PROCESS	2	0.0	227	6,145	*	0
4800 MARKETING SYSTEMS	1	0.2	3,976	10,550	*	0
6100 WEEDS	5	0.7	10,292	81,237	*	576
6300 BIO CELL SYSTEMS	12	2.2	42,823	275,985	*	0
6400 EXP DESIGN/STAT METH	2	0.2	2,483	43,552	*	2,129
6500 INVERTEBRATES	19	4.9	32,647	380,259	*	1,751
6600 MICROORGANISMS,VIRUS	12	2.1	49,417	171,090	*	0
6700 PLANTS	31	7.2	120,143	1,225,502	*	58,564
6800 ANIMALS (VERTEBRATES)	19	6.0	54,388	760,089	*	0
6900 RESEARCH ON RSCH MGM	1	0.2	5,797	11,648	*	0
7000 RSCH EQUIP & TECHNOL	2	0.1	740	9,538	*	0
TOTAL	858	203.5	3,971,819	23,745,612	*	422,420

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	42	13.6	96,598	914,765	*	36,306
0200 WATER	30	5.9	74,162	437,517	*	5,537
0300 WATERSHEDS RIVER BAS	3	0.5	0	62,133	*	0
0400 AIR AND CLIMATE	4	0.8	16,861	92,629	*	22,073
0500 RECREATION RESOURCES	1	0.0	0	367	*	0
0600 TIMBER FORST PRODUCT	2	0.7	39,648	92,204	*	3,529
0700 RANGE	12	3.5	23,915	275,887	*	17,383
1000 FRUIT NUTS DECIDUOUS	2	0.7	8,265	41,500	*	0
1100 POTATOES	10	3.0	82,114	280,646	*	0
1200 VEGETABLES	11	1.5	10,526	91,448	*	5,712
1300 ORNAMENTALS TURF	3	0.5	18,869	29,454	*	0
1400 CORN	14	1.7	14,134	98,793	*	0
1700 WHEAT	61	21.2	253,853	1,436,554	*	120,947
1800 OTHER SMALL GRAINS	45	9.1	76,775	596,327	*	0
1900 PASTURE	3	0.3	1,147	17,517	*	0
2000 FORAGE CROPS	21	3.4	22,070	230,480	*	0
2300 SCYBEANS	7	0.8	5,002	44,942	*	0
2500 OTHER OILSEED CROPS	27	3.8	49,281	274,695	*	17,506
2700 SUGAR CROPS	7	2.6	26,646	234,868	*	0
2800 MISC NEW CROPS	8	0.4	2,372	30,096	*	0
2900 POULTRY	7	0.8	15,147	71,195	*	0
3000 BEEF CATTLE	28	7.4	95,222	619,812	*	4,415
3100 DAIRY CATTLE	7	1.2	15,890	82,333	*	0
3200 SWINE	19	2.2	30,250	230,672	*	1,104
3300 SHEEP AND WOOL	15	1.9	32,415	195,024	*	0
3400 OTHER ANIMALS	3	0.1	1,975	13,630	*	0
3600 FARM SUPP & FACILITS	2	1.3	18,507	58,456	*	0
3800 FOOD	1	0.3	0	36,370	*	19,337
3900 HOUSING & EQUIP	6	0.3	4,431	25,501	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.5	24,575	53,572	*	0
4100 FAMILY MEMBERS	1	0.0	2,881	3,664	*	0
4200 FARM AS BUSINESS	3	0.7	19,627	54,716	*	0
4300 SOC POLIT ORGANIZ	9	3.6	43,501	167,840	*	0
4400 AGRIC ECONOMY U S	2	0.2	10,522	13,867	*	0
4800 MARKETING SYSTEMS	5	0.8	39,682	56,397	*	0
6300 BIO CELL SYSTEMS	13	2.7	39,341	150,958	*	0
6400 EXP DESIGN/STAT METH	3	0.9	18,633	66,757	*	0
6500 INVERTEBRATES	2	1.0	8,171	57,716	*	0
6600 MICROORGANISMS,VIRUS	15	4.0	32,376	222,730	*	22,397
6700 PLANTS	20	7.0	60,084	838,375	*	218
6800 ANIMALS (VERTEBRATES)	6	4.4	11,765	380,713	*	1,384
7000 RSCH EQUIP & TECHNOL	1	0.2	0	5,092	*	0
9900 UNCLASSIFIED	1	0.0	0	43,891	*	0
TOTAL	486	115.7	1,347,829	8,732,306	*	277,548

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	36	9.8	230,266	921,180	*	863
0200 WATER	16	2.7	74,643	414,811	*	2,813
0300 WATERSHEDS RIVER BAS	3	0.5	0	110,456	*	0
0400 AIR AND CLIMATE	2	0.1	0	24,201	*	0
0500 RECREATION RESOURCES	4	0.9	23,663	88,880	*	420
0600 TIMBER FORST PRODUCT	24	7.0	185,384	625,719	*	34,081
0800 WILDLIFE AND FISH	5	1.1	0	180,035	*	0
1000 FRUIT NUTS DECIDUOUS	23	6.3	181,154	673,903	*	1,800
1100 POTATOES	8	1.6	35,592	162,544	*	0
1200 VEGETABLES	31	8.1	245,878	880,655	*	1,952
1300 ORNAMENTALS TURF	21	8.1	183,649	837,337	*	41,314
1400 CORN	38	7.8	229,682	961,206	*	7,864
1700 WHEAT	13	1.7	66,291	295,879	*	0
1800 OTHER SMALL GRAINS	3	0.3	9,287	39,793	*	0
1900 PASTURE	3	0.8	25,677	168,725	*	14,851
2000 FORAGE CROPS	10	2.4	78,417	345,772	*	7,426
2300 SOYBEANS	41	9.7	272,153	1,098,810	*	59,770
2500 OTHER OILSEED CROPS	1	0.0	0	411	*	0
2600 TOBACCO	1	0.8	0	56,142	*	0
2700 SUGAR CROPS	9	1.1	16,534	135,534	*	0
2800 MISC NEW CROPS	1	0.0	0	65	*	0
2900 POULTRY	18	6.1	183,145	800,802	*	0
3000 BEEF CATTLE	18	4.7	169,581	921,408	*	0
3100 DAIRY CATTLE	32	10.0	288,198	1,260,528	*	10,169
3200 SWINE	22	8.5	261,683	1,251,805	*	28,850
3300 SHEEP AND WOOL	9	3.0	75,057	411,851	*	0
3400 OTHER ANIMALS	3	0.4	5,126	34,134	*	0
3500 BEES AND HONEY	1	0.2	4,737	16,919	*	0
3600 FARM SUPP & FACILITS	3	0.6	6,028	53,002	*	0
3700 CLOTHING & TEXTILES	1	0.3	7,587	27,437	*	0
3800 FOOD	10	1.8	54,798	131,903	*	0
3900 HOUSING & EQUIP	4	0.5	23,719	129,519	*	39,063
4000 PEOPLE AS INDIVIDUAL	13	2.2	62,608	168,488	*	0
4100 FAMILY MEMBERS	8	1.7	45,079	133,181	*	0
4200 FARM AS BUSINESS	3	0.4	12,176	33,193	*	0
4300 SOC POLIT ORGANIZ	9	2.2	69,425	204,198	*	0
4400 AGRIC ECONOMY U S	2	0.1	4,642	9,981	*	0
4600 FARM COOPERATIVES	1	0.3	10,175	21,009	*	0
4700 OTH MARKET PROCESS	1	0.0	1,748	4,236	*	0
4800 MARKETING SYSTEMS	5	0.5	18,425	43,394	*	0
6100 WEEDS	1	0.0	1,946	6,185	*	0
6500 INVERTEBRATES	5	1.2	39,556	99,975	*	0
6700 PLANTS	7	1.8	46,547	160,723	*	0
6800 ANIMALS (VERTEBRATES)	1	0.5	17,624	44,030	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	15,428	*	0
9900 UNCLASSIFIED	1	0.0	0	1,552,825	*	113,037
TOTAL	472	117.8	3,267,878	15,563,187	*	364,272

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	7	1.6	36,128	205,450	*	0
0200 WATER	9	3.2	24,706	324,337	*	0
0300 WATERSHEDS RIVER BAS	1	0.6	0	67,591	*	0
0400 AIR AND CLIMATE	1	0.1	0	5,300	*	0
0500 RECREATION RESOURCES	1	0.3	0	18,434	*	0
0600 TIMBER FORST PRODUCT	16	4.9	127,133	277,934	*	0
0700 RANGE	7	1.4	3,228	123,843	*	0
0800 WILDLIFE AND FISH	3	0.6	6,394	93,702	*	0
1000 FRUIT NUTS DECIDUOUS	7	2.5	41,567	115,503	*	1,050
1200 VEGETABLES	3	0.9	0	72,006	*	0
1300 ORNAMENTALS TURF	6	2.8	11,642	127,252	*	0
1400 CORN	3	0.4	0	117,755	*	0
1500 GRAIN SORGHUM	18	2.1	57,906	346,030	*	0
1600 RICE	1	0.0	0	639	*	0
1700 WHEAT	35	7.8	117,245	659,852	*	0
1800 OTHER SMALL GRAINS	13	2.1	25,859	145,210	*	0
1900 PASTURE	7	1.8	6,460	126,261	*	0
2000 FORAGE CROPS	19	5.2	113,363	532,054	*	24,147
2100 COTTON	15	4.6	68,043	412,937	*	9,317
2300 SOYBEANS	7	0.4	7,475	65,783	*	0
2400 PEANUTS	12	2.3	16,629	289,483	*	0
2500 OTHER OILSEED CROPS	2	0.0	0	2,567	*	0
2800 MISC NEW CROPS	4	0.6	0	19,001	*	0
2900 POULTRY	3	0.8	55,573	119,150	*	0
3000 BEEF CATTLE	41	15.9	398,776	1,848,122	*	88,950
3100 DAIRY CATTLE	15	5.1	92,061	358,138	*	0
3200 SWINE	10	2.7	114,725	570,059	*	5,744
3300 SHEEP AND WOOL	6	1.5	30,587	140,702	*	4,503
3400 OTHER ANIMALS	2	0.6	5,730	17,186	*	4,503
3600 FARM SUPP & FACILITS	6	2.1	47,233	98,896	*	0
3800 FOOD	3	0.8	6,050	74,223	*	6,550
3900 HOUSING & EQUIP	4	1.4	1,382	30,898	*	0
4000 PEOPLE AS INDIVIDUAL	8	1.3	23,105	70,614	*	0
4100 FAMILY MEMBERS	1	0.2	4,752	10,567	*	0
4200 FARM AS BUSINESS	11	2.4	102,036	261,057	*	34,636
4300 SOC POLIT ORGANIZ	8	2.1	89,950	125,453	*	1,387
4400 AGRIC ECONOMY U S	5	1.2	28,979	86,888	*	0
4700 OTH MARKET PROCESS	1	0.0	1,745	1,745	*	0
4800 MARKETING SYSTEMS	3	1.4	25,867	123,871	*	38,021
6100 WEEDS	1	0.1	2,195	52,036	*	0
6300 BIO CELL SYSTEMS	7	4.7	18,651	402,189	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	14,724	*	0
6500 INVERTEBRATES	3	1.9	0	126,295	*	0
6600 MICROORGANISMS, VIRUS	3	0.7	0	65,940	*	0
6700 PLANTS	13	2.8	26,127	184,178	*	6,743
6800 ANIMALS (VERTEBRATES)	10	1.5	77,607	144,513	*	0
6900 RESEARCH ON RSCH MGM	1	2.0	0	30,138	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	28,597	*	0
9900 UNCLASSIFIED	1	0.0	23,349	23,894	*	0
TOTAL	365	99.6	1,840,255	9,154,047	*	225,550

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - OREGON					CORVALLIS	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	28	6.1	23,636	668,169	*	76,148
0200 WATER	12	2.8	10,172	350,573	*	0
0400 AIR AND CLIMATE	2	1.5	0	158,551	*	0
0500 RECREATION RESOURCES	1	0.6	25,144	73,474	*	0
0600 TIMBER FORST PRODUCT	12	3.5	29,805	265,437	*	0
0700 RANGE	11	3.5	10,609	239,263	*	0
0800 WILDLIFE AND FISH	43	6.5	25,122	793,770	*	0
1000 FRUIT NUTS DECIDUOUS	41	16.3	178,566	1,208,793	*	24,955
1100 POTATOES	11	2.1	13,210	154,909	*	0
1200 VEGETABLES	26	8.0	81,413	506,992	*	0
1300 ORNAMENTALS TURF	15	4.0	33,075	302,379	*	0
1400 CORN	6	0.6	767	53,339	*	0
1700 WHEAT	23	5.4	34,633	539,556	*	0
1800 OTHER SMALL GRAINS	13	3.0	4,098	232,728	*	0
1900 PASTURE	6	1.6	3,067	91,651	*	0
2000 FORAGE CROPS	31	6.0	48,193	514,662	*	0
2300 SOYBEANS	4	0.7	11,656	88,637	*	1,358
2800 MISC NEW CROPS	6	0.6	10,352	171,355	*	0
2900 POULTRY	11	4.7	154,055	475,710	*	0
3000 BEEF CATTLE	25	8.4	154,167	1,047,156	*	40,500
3100 DAIRY CATTLE	10	3.8	77,021	601,123	*	0
3200 SWINE	9	1.6	20,682	298,919	*	0
3300 SHEEP AND WOOL	16	3.2	53,985	386,504	*	0
3400 OTHER ANIMALS	5	1.7	20,435	109,364	*	0
3500 BEES AND HONEY	2	1.4	34,777	65,935	*	0
3600 FARM SUPP & FACILITS	1	0.1	2,279	3,994	*	0
3700 CLOTHING & TEXTILES	1	0.3	4,897	5,897	*	0
3800 FOOD	15	7.5	155,240	605,966	*	0
3900 HOUSING & EQUIP	2	0.1	952	7,018	*	0
4000 PEOPLE AS INDIVIDUAL	13	3.1	71,676	224,394	*	30,000
4100 FAMILY MEMBERS	4	0.5	10,022	54,769	*	15,000
4200 FARM AS BUSINESS	2	0.5	0	31,892	*	0
4300 SOC POLIT ORGANIZ	9	1.6	33,219	222,876	*	30,000
4400 AGRIC ECONOMY U S	2	0.2	3,655	38,394	*	0
4600 FARM COOPERATIVES	2	0.2	8,615	22,426	*	0
6100 WEEDS	3	1.7	21,825	163,240	*	0
6200 SEED RESEARCH	2	0.9	18,104	47,132	*	0
6300 BIO CELL SYSTEMS	4	1.3	5,474	221,243	*	0
6400 EXP DESIGN/STAT METH	4	3.4	3,835	185,099	*	0
6500 INVERTEBRATES	4	2.5	49,215	112,474	*	0
6600 MICROORGANISMS,VIRUS	6	2.0	40,772	202,676	*	0
6700 PLANTS	18	4.9	38,604	691,976	*	0
6800 ANIMALS(VERTEBRATES)	11	6.2	19,422	661,483	*	0
6900 RESEARCH ON RSCH MGM	1	0.1	965	2,042	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	14,270	*	0
TOTAL	474	134.4	1,547,403	13,028,212	*	217,961

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PENNSYLVANIA					COLLEGE PARK	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	20	8.5	182,731	688,224	*	11,215
0200 WATER	7	1.5	15,139	83,850	*	3,260
0300 WATERSHEDS RIVER BAS	2	0.6	24,810	33,974	*	0
0500 RECREATION RESOURCES	4	0.8	26,749	49,221	*	1,013
0600 TIMBER FORST PRODUCT	23	6.7	206,451	478,718	*	64,532
0800 WILDLIFE AND FISH	13	3.5	60,305	262,000	*	1,013
1000 FRUIT NUTS DECIDUOUS	28	12.5	338,353	933,068	*	15,172
1100 POTATOES	8	2.3	48,312	204,476	*	0
1200 VEGETABLES	20	8.8	157,794	578,236	*	921
1300 ORNAMENTALS TURF	26	5.0	78,930	358,407	*	0
1400 CORN	20	6.9	114,734	451,102	*	0
1700 WHEAT	6	0.4	7,378	19,808	*	0
1800 OTHER SMALL GRAINS	5	0.9	6,990	40,533	*	0
2000 FORAGE CROPS	23	7.2	119,279	541,111	*	41,547
2600 TOBACCO	3	0.4	3,740	20,496	*	0
2900 POULTRY	20	9.4	260,905	858,841	*	3,045
3000 BEEF CATTLE	14	4.3	91,179	471,959	*	0
3100 DAIRY CATTLE	28	10.8	357,923	1,098,702	*	7,993
3200 SWINE	8	2.7	49,472	173,563	*	0
3300 SHEEP AND WOOL	8	1.2	24,062	96,873	*	0
3400 OTHER ANIMALS	5	1.8	45,345	158,399	*	2
3500 BEES AND HONEY	2	0.5	4,116	50,885	*	3,003
3600 FARM SUPP & FACILITS	1	0.4	4,265	18,504	*	0
3700 CLOTHING & TEXTILES	1	0.1	3,601	3,641	*	0
3800 FOOD	7	2.5	182,618	359,700	*	10,244
3900 HOUSING & EQUIP	2	1.1	32,920	141,133	*	35,105
4000 PEOPLE AS INDIVIDUAL	16	5.1	182,634	284,281	*	688
4100 FAMILY MEMBERS	1	0.5	8,086	20,338	*	0
4200 FARM AS BUSINESS	3	2.8	48,823	111,583	*	3,188
4300 SOC POLIT ORGANIZ	14	8.1	316,159	471,452	*	8,848
4400 AGRIC ECONOMY U S	1	0.7	21,684	43,973	*	0
4500 AGRIC ECONOMY FORGN	1	4.5	0	40,082	*	0
4700 OTH MARKET PROCESS	1	1.5	50,745	77,095	*	0
6100 WEEDS	1	0.3	21,707	22,829	*	0
6200 SEED RESEARCH	1	0.2	16,527	19,719	*	30
6300 BIO CELL SYSTEMS	6	1.1	43,299	76,011	*	0
6500 INVERTEBRATES	4	3.5	40,591	187,522	*	32,255
6600 MICROORGANISMS,VIRUS	9	1.9	65,238	98,741	*	0
6700 PLANTS	14	3.8	136,683	320,652	*	33,492
6800 ANIMALS(VERTEBRATES)	5	1.2	68,040	107,334	*	134
7000 RSCH EQUIP & TECHNOL	7	1.0	40,454	84,447	*	0
9900 UNCLASSIFIED	1	0.0	0	192,337	*	0
TOTAL	389	137.1	3,508,769	10,333,815	*	276,697

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PUERTO RICO							RIO PIEDRAS	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977		
0100 SOIL AND LAND	5	1.8	6,181	130,964	*	0		
0200 WATER	4	3.8	102,788	286,856	*	0		
0400 AIR AND CLIMATE	1	0.8	0	38,503	*	0		
0900 CITRUS SUB TROP FRUT	35	15.9	416,784	1,148,965	*	15,675		
1100 POTATOES	1	0.1	0	4,240	*	0		
1200 VEGETABLES	33	27.3	430,712	1,727,845	*	16,554		
1300 ORNAMENTALS TURF	8	2.2	89,710	187,437	*	0		
1400 CORN	3	1.0	18,994	99,312	*	0		
1500 GRAIN SORGHUM	3	1.4	18,994	91,971	*	0		
1600 RICE	5	2.3	23,306	151,904	*	0		
1900 PASTURE	5	1.8	54,009	238,565	*	0		
2000 FORAGE CROPS	9	2.9	74,501	300,727	*	0		
2300 SOYBEANS	2	0.5	18,994	68,810	*	0		
2600 TOBACCO	4	0.5	34,143	92,396	*	0		
2700 SUGAR CROPS	27	18.1	552,865	1,616,979	*	0		
2800 MISC NEW CROPS	13	4.6	105,408	329,191	*	0		
2900 POULTRY	4	0.6	15,830	60,948	*	0		
3000 BEEF CATTLE	4	1.1	55,355	112,296	*	0		
3100 DAIRY CATTLE	7	3.3	172,516	399,687	*	0		
3200 SWINE	3	0.4	10,553	32,705	*	0		
3800 FOOD	1	1.4	109,972	224,569	*	0		
4000 PEOPLE AS INDIVIDUAL	2	0.7	14,708	30,444	*	0		
4100 FAMILY MEMBERS	1	0.7	15,401	36,898	*	0		
4200 FARM AS BUSINESS	2	6.5	147,752	294,975	*	0		
4300 SOC POLIT ORGANIZ	2	1.4	39,416	80,535	*	0		
6500 INVERTEBRATES	2	1.3	0	55,175	*	0		
6700 PLANTS	4	1.1	4,140	56,147	*	0		
6900 RESEARCH ON RSCH MGM	1	0.0	3,462	3,462	*	0		
TOTAL	191	103.4	2,533,495	7,902,505	*	32,229		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - RHODE ISLAND							KINGSTON	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977		
0100 SOIL AND LAND	12	3.6	59,002	174,817	*	0		
0200 WATER	8	2.6	40,349	130,033	*	0		
0400 AIR AND CLIMATE	2	0.5	1,691	7,306	*	0		
0500 RECREATION RESOURCES	3	1.4	31,985	113,815	*	0		
0600 TIMBER FORST PRODUCT	3	2.3	91,738	125,156	*	0		
0800 WILDLIFE AND FISH	16	8.2	80,122	367,166	*	0		
0900 CITRUS SUB TROP FRUT	1	0.1	508	4,505	*	0		
1000 FRUIT NUTS DECIDUOUS	4	1.2	64,886	119,648	*	0		
1100 POTATOES	1	0.6	157	22,056	*	18,000		
1200 VEGETABLES	4	0.6	38,819	68,989	*	25,000		
1300 ORNAMENTALS TURF	13	7.3	126,242	355,526	*	0		
2900 POULTRY	5	2.7	70,902	164,069	*	0		
3100 DAIRY CATTLE	3	0.5	10,588	57,284	*	0		
3400 OTHER ANIMALS	2	0.2	2,265	5,324	*	0		
3700 CLOTHING & TEXTILES	1	0.5	5,487	6,973	*	0		
3800 FOOD	4	3.6	56,744	191,955	*	0		
3900 HOUSING & EQUIP	1	0.4	8,388	33,595	*	0		
4000 PEOPLE AS INDIVIDUAL	4	0.9	8,956	22,438	*	0		
4300 SOC POLIT ORGANIZ	2	1.1	32,060	70,493	*	0		
6700 PLANTS	1	0.4	2,279	38,301	*	0		
6800 ANIMALS (VERTEBRATES)	1	0.0	387	723	*	0		
TOTAL	91	38.4	733,633	2,080,171	*	43,000		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTH CAROLINA CLEMSON

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	16	3.4	52,552	257,018	*	0
0200 WATER	11	1.5	43,468	112,012	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	9,505	20,438	*	0
0400 AIR AND CLIMATE	2	0.2	4,607	9,714	*	0
0600 TIMBER FORST PRODUCT	5	0.4	4,802	35,980	*	0
0800 WILDLIFE AND FISH	10	2.9	70,731	184,325	*	0
1000 FRUIT NUTS DECIDUOUS	34	10.3	156,427	728,322	*	0
1200 VEGETABLES	29	9.7	144,041	859,874	*	0
1300 ORNAMENTALS TURF	15	4.9	49,737	310,650	*	0
1400 CORN	19	3.7	44,210	236,616	*	0
1500 GRAIN SORGHUM	2	0.3	778	14,435	*	0
1700 WHEAT	5	0.6	15,468	45,344	*	0
1800 OTHER SMALL GRAINS	5	0.7	22,776	66,222	*	0
1900 PASTURE	2	0.4	20,084	32,062	*	0
2000 FORAGE CROPS	19	5.9	70,732	394,655	*	18,151
2100 COTTON	25	3.2	58,600	426,883	*	120,508
2300 SOYBEANS	36	9.4	158,931	764,298	*	35,223
2400 PEANUTS	6	0.6	9,250	58,066	*	0
2600 TOBACCO	9	4.9	13,713	419,760	*	0
2800 MISC NEW CROPS	2	0.1	6,950	9,325	*	0
2900 POULTRY	29	5.0	156,483	537,720	*	0
3000 BEEF CATTLE	26	6.9	349,975	1,145,125	*	0
3100 DAIRY CATTLE	24	6.9	158,394	941,124	*	0
3200 SWINE	17	2.8	74,876	267,889	*	0
3300 SHEEP AND WOOL	4	0.3	15,600	57,334	*	0
3400 OTHER ANIMALS	9	1.1	3,101	91,343	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	964	*	964
3700 CLOTHING & TEXTILES	2	0.0	7,321	22,394	*	0
3800 FOOD	5	0.6	24,914	56,862	*	0
3900 HOUSING & EQUIP	7	1.3	6,653	78,168	*	0
4000 PEOPLE AS INDIVIDUAL	17	2.3	64,687	145,466	*	0
4100 FAMILY MEMBERS	3	0.2	15,695	22,100	*	0
4200 FARM AS BUSINESS	5	0.6	28,866	63,492	*	0
4300 SOC POLIT ORGANIZ	7	1.3	68,349	92,456	*	0
4400 AGRIC ECONOMY U S	2	0.2	15,386	29,778	*	0
4700 OTH MARKET PROCESS	2	0.2	12,093	49,145	*	0
4800 MARKETING SYSTEMS	1	0.1	0	23,363	*	0
6400 EXP DESIGN/STAT METH	1	1.5	0	115,433	*	0
6500 INVERTEBRATES	3	0.8	3,536	44,233	*	0
6700 PLANTS	6	1.3	26,317	102,581	*	0
6800 ANIMALS (VERTEBRATES)	6	0.3	434	41,085	*	0
9900 UNCLASSIFIED	1	1.0	0	159,932	*	0
TOTAL	432	97.8	1,990,088	9,073,887	*	174,946

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTH DAKOTA

BROOKINGS

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	11	5.6	95,222	357,239	*	0
0200 WATER	10	2.1	22,003	167,670	*	0
0400 AIR AND CLIMATE	2	0.9	14,899	22,673	*	0
0500 RECREATION RESOURCES	2	0.6	0	139,108	*	0
0600 TIMBER FORST PRODUCT	9	1.9	52,291	278,172	*	0
0700 RANGE	7	2.3	31,556	129,823	*	3,472
0800 WILDLIFE AND FISH	11	1.4	29,019	203,028	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.4	16,227	35,775	*	0
1100 POTATOES	1	0.1	302	4,259	*	0
1200 VEGETABLES	3	0.7	13,018	36,689	*	0
1300 ORNAMENTALS TURF	3	0.5	5,082	38,076	*	0
1400 CORN	9	2.0	66,939	230,247	*	0
1500 GRAIN SORGHUM	1	0.2	0	10,321	*	0
1700 WHEAT	10	3.5	103,350	191,332	*	0
1800 OTHER SMALL GRAINS	8	2.6	78,118	416,137	*	3,338
1900 PASTURE	1	0.1	1,793	6,066	*	0
2000 FORAGE CROPS	12	4.3	96,534	301,876	*	33,596
2300 SOYBEANS	5	0.3	8,212	83,914	*	4,379
2500 OTHER OILSEED CROPS	5	1.5	8,589	102,778	*	8,758
2800 MISC NEW CROPS	2	0.1	0	53,197	*	0
2900 POULTRY	10	3.2	90,961	165,521	*	0
3000 BEEF CATTLE	27	9.5	223,685	899,278	*	33,596
3100 DAIRY CATTLE	10	3.9	149,965	251,767	*	0
3200 SWINE	13	3.1	37,942	317,671	*	22,510
3300 SHEEP AND WOOL	13	2.7	67,477	177,190	*	0
3400 OTHER ANIMALS	4	1.6	0	95,669	*	0
3600 FARM SUPP & FACILITS	3	1.2	14,590	46,750	*	0
3700 CLOTHING & TEXTILES	3	1.9	33,617	56,537	*	0
3800 FOOD	3	1.1	19,668	46,608	*	0
3900 HOUSING & EQUIP	2	0.4	1,157	47,562	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.3	8,698	41,186	*	0
4100 FAMILY MEMBERS	1	0.3	0	13,415	*	0
4200 FARM AS BUSINESS	4	1.2	28,126	46,328	*	0
4300 SOC POLIT ORGANIZ	9	2.0	30,377	102,799	*	0
4800 MARKETING SYSTEMS	4	0.7	18,590	27,307	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	4,896	*	4,379
6600 MICROORGANISMS, VIRUS	1	0.2	0	20,453	*	0
6700 PLANTS	10	8.6	0	649,818	*	0
6800 ANIMALS (VERTEBRATES)	4	2.2	0	553,764	*	0
7000 RSCH EQUIP & TECHNOL	1	0.8	0	51,190	*	0
9900 UNCLASSIFIED	1	4.9	0	95,688	*	0
TOTAL	242	81.8	1,368,605	6,519,777	*	114,027

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - TENNESSEE KNOXVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	7	4.1	90,951	168,868	*	0
0200 WATER	4	0.7	31,772	51,829	*	0
0300 WATERSHEDS RIVER BAS	3	0.9	25,190	45,651	*	0
0400 AIR AND CLIMATE	2	0.3	8,345	18,616	*	0
0500 RECREATION RESOURCES	2	0.5	15,545	25,532	*	0
0600 TIMBER FORST PRODUCT	20	5.2	178,477	406,515	*	0
0800 WILDLIFE AND FISH	6	2.3	74,270	161,590	*	0
1000 FRUIT NUTS DECIDUOUS	8	2.1	47,439	108,931	*	0
1100 POTATOES	1	0.0	0	1,021	*	0
1200 VEGETABLES	21	7.9	207,096	406,230	*	0
1300 ORNAMENTALS TURF	12	4.0	117,098	231,184	*	0
1400 CORN	22	4.6	109,194	319,007	*	0
1500 GRAIN SORGHUM	2	0.3	7,347	15,821	*	0
1700 WHEAT	5	0.9	20,602	45,679	*	0
1800 OTHER SMALL GRAINS	8	1.1	21,912	70,728	*	0
1900 PASTURE	1	0.0	1,664	2,646	*	0
2000 FORAGE CROPS	17	4.1	110,386	334,398	*	0
2100 COTTON	22	5.6	154,078	355,743	*	0
2200 COTTONSEED	2	0.4	21,678	29,836	*	0
2300 SOYBEANS	29	6.1	170,157	405,899	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	7,043	*	0
2600 TOBACCO	14	3.8	88,764	305,415	*	0
2800 MISC NEW CROPS	1	0.1	2,000	9,538	*	0
2900 POULTRY	10	3.8	120,897	270,965	*	0
3000 BEEF CATTLE	33	11.0	332,293	1,784,970	*	0
3100 DAIRY CATTLE	21	9.1	226,349	1,493,876	*	0
3200 SWINE	16	5.1	150,148	498,158	*	0
3300 SHEEP AND WOOL	4	0.9	22,758	97,947	*	0
3400 OTHER ANIMALS	2	0.2	2,513	11,075	*	0
3500 BEES AND HONEY	2	0.4	11,191	16,167	*	0
3700 CLOTHING & TEXTILES	2	0.2	16,346	23,051	*	0
3800 FOOD	9	2.9	120,994	174,649	*	0
3900 HOUSING & EQUIP	1	0.6	18,799	27,025	*	0
4000 PEOPLE AS INDIVIDUAL	12	3.7	129,905	182,945	*	0
4100 FAMILY MEMBERS	5	2.6	62,767	101,782	*	0
4200 FARM AS BUSINESS	6	1.1	36,492	54,065	*	0
4300 SOC POLIT ORGANIZ	6	1.8	65,601	96,337	*	0
4400 AGRIC ECONOMY U S	2	0.1	0	4,911	*	0
4600 FARM COOPERATIVES	1	0.1	3,000	4,766	*	0
4800 MARKETING SYSTEMS	1	0.1	3,416	4,976	*	0
6100 WEEDS	1	0.4	14,095	23,869	*	0
6600 MICROORGANISMS,VIRUS	1	0.5	12,652	20,829	*	0
6700 PLANTS	1	1.0	0	94,935	*	0
6800 ANIMALS (VERTEBRATES)	1	0.5	14,033	47,252	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	6,796	12,073	*	0
9900 UNCLASSIFIED	1	0.0	0	382,261	*	0
TOTAL	350	101.0	2,875,009	8,956,603	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - TEXAS

COLLEGE STATION

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	48	10.6	114,943	847,151	*	18,373
0200 WATER	36	10.3	119,011	741,137	*	22,703
0300 WATERSHEDS RIVER BAS	5	0.8	21,311	74,887	*	0
0400 AIR AND CLIMATE	7	1.2	12,818	95,894	*	795
0500 RECREATION RESOURCES	10	4.0	39,901	236,385	*	0
0600 TIMBER FORST PRODUCT	22	5.0	88,785	834,839	*	4,988
0700 RANGE	34	8.6	77,560	1,016,871	*	9,093
0800 WILDLIFE AND FISH	40	10.5	150,319	1,240,621	*	14,441
0900 CITRUS SUB TROP FRUT	13	3.4	15,848	227,576	*	1,990
1000 FRUIT NUTS DECIDUOUS	25	7.4	97,188	613,428	*	872
1100 POTATOES	4	1.2	7,452	95,990	*	154
1200 VEGETABLES	35	15.9	93,376	1,078,485	*	50,151
1300 ORNAMENTALS TURF	13	5.0	35,088	466,564	*	0
1400 CORN	19	2.5	28,497	229,671	*	1,882
1500 GRAIN SORGHUM	47	10.9	101,770	965,727	*	40,403
1600 RICE	16	4.7	27,227	422,582	*	11,352
1700 WHEAT	15	4.2	24,722	307,622	*	5,646
1800 OTHER SMALL GRAINS	13	2.9	9,683	182,918	*	122
1900 PASTURE	10	2.0	14,155	205,352	*	136
2000 FORAGE CROPS	30	10.7	86,041	927,407	*	373
2100 COTTON	57	19.4	348,831	3,699,323	*	132,453
2200 COTTONSEED	4	0.6	10,144	50,084	*	0
2300 SOYBEANS	16	3.0	13,426	223,956	*	1,061
2400 PEANUTS	24	7.2	62,947	733,182	*	26,643
2500 OTHER OILSEED CROPS	8	1.2	2,890	120,071	*	0
2700 SUGAR CROPS	7	3.5	27,525	305,127	*	2,532
2800 MISC NEW CROPS	5	0.5	6,205	39,245	*	0
2900 POULTRY	24	10.2	105,223	854,942	*	71,037
3000 BEEF CATTLE	65	15.3	470,345	2,692,750	*	151,359
3100 DAIRY CATTLE	25	5.1	131,390	472,602	*	26,396
3200 SWINE	8	1.2	27,505	146,587	*	3,844
3300 SHEEP AND WOOL	21	3.5	71,917	482,497	*	30,322
3400 OTHER ANIMALS	15	2.0	45,016	289,562	*	48,633
3600 FARM SUPP & FACILITS	6	2.0	49,838	134,016	*	0
3700 CLOTHING & TEXTILES	1	0.1	1,376	1,452	*	0
3800 FOOD	15	6.1	194,735	318,617	*	0
3900 HOUSING & EQUIP	7	0.7	14,501	79,166	*	1,882
4000 PEOPLE AS INDIVIDUAL	12	4.0	146,597	272,984	*	5,465
4100 FAMILY MEMBERS	4	0.4	18,699	39,553	*	0
4200 FARM AS BUSINESS	9	3.3	70,146	151,213	*	30,646
4300 SOC POLIT ORGANIZ	9	2.2	75,918	117,242	*	0
4400 AGRIC ECONOMY U S	1	0.0	17,361	45,665	*	0
4600 FARM COOPERATIVES	2	0.2	11,124	45,327	*	16,373
4700 OTH MARKET PROCESS	2	0.0	91	8,272	*	0
6100 WEEDS	1	0.0	0	683	*	0
6200 SEED RESEARCH	2	0.1	1,109	37,823	*	5,091
6300 BIO CELL SYSTEMS	6	1.3	5,873	108,169	*	0
6500 INVERTEBRATES	5	0.9	3,654	96,500	*	678
6600 MICROORGANISMS,VIRUS	2	0.8	0	49,865	*	0
6700 PLANTS	17	5.9	105,426	439,827	*	0
6800 ANIMALS (VERTEBRATES)	4	0.3	17,136	32,252	*	0
7000 RSCH EQUIP & TECHNOL	4	0.2	951	15,502	*	0
9900 UNCLASSIFIED	2	45.6	128,996	2,747,558	*	268,901
TOTAL	832	272.6	3,352,586	25,662,720	*	1,006,786

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - UTAH

LOGAN

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	14	6.6	100,240	455,432	*	33,087
0200 WATER	6	2.2	51,462	184,054	*	0
0300 WATERSHEDS RIVER BAS	4	0.9	23,138	69,547	*	14,858
0400 AIR AND CLIMATE	3	0.6	29,696	71,503	*	8,186
0500 RECREATION RESOURCES	4	2.1	45,416	85,706	*	0
0600 TIMBER FORST PRODUCT	3	0.9	17,205	58,746	*	15,322
0700 RANGE	15	2.0	29,833	271,922	*	21,365
1000 FRUIT NUTS DECIDUOUS	11	3.9	73,603	238,589	*	0
1100 POTATOES	3	0.6	10,153	66,800	*	0
1200 VEGETABLES	9	1.6	42,714	158,536	*	28,369
1300 ORNAMENTALS TURF	1	0.7	0	41,278	*	13,731
1400 CORN	2	0.3	3,696	14,383	*	0
1700 WHEAT	7	1.7	19,165	136,485	*	0
1800 OTHER SMALL GRAINS	3	0.7	0	41,159	*	0
2000 FORAGE CROPS	9	2.9	44,151	174,712	*	0
2700 SUGAR CROPS	4	0.2	4,023	11,346	*	0
2900 POULTRY	8	4.5	68,170	268,592	*	1,759
3000 BEEF CATTLE	11	3.7	104,198	431,679	*	33,550
3100 DAIRY CATTLE	24	5.0	124,328	699,591	*	1,265
3200 SWINE	3	0.1	3,441	13,443	*	1,265
3300 SHEEP AND WOOL	8	5.6	82,126	508,631	*	12,195
3400 OTHER ANIMALS	3	1.1	27,021	118,925	*	775
3500 BEES AND HONEY	2	0.0	457	1,015	*	0
3800 FOOD	7	2.3	17,640	190,969	*	5,276
3900 HOUSING & EQUIP	1	0.3	0	31,397	*	0
4000 PEOPLE AS INDIVIDUAL	5	0.8	15,963	69,745	*	0
4100 FAMILY MEMBERS	1	0.1	0	2,641	*	0
4200 FARM AS BUSINESS	2	0.6	0	29,539	*	335
4300 SOC POLIT ORGANIZ	8	2.9	51,091	146,524	*	0
4800 MARKETING SYSTEMS	1	0.3	13,805	16,743	*	0
6100 WEEDS	1	0.0	0	619	*	0
6300 BIO CELL SYSTEMS	4	0.5	16,248	46,181	*	0
6500 INVERTEBRATES	2	0.1	14,070	21,001	*	0
6700 PLANTS	11	2.8	43,185	197,219	*	673
6800 ANIMALS (VERTEBRATES)	4	1.2	3,052	119,256	*	673
9900 UNCLASSIFIED	1	1.3	0	53,359	*	0
TOTAL	205	61.4	1,079,291	5,067,266	*	192,683

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	11	2.7	73,842	155,120	*	27,272
0200 WATER	3	0.9	9,201	62,640	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	9,065	13,515	*	0
0400 AIR AND CLIMATE	1	0.1	4,796	4,799	*	0
0500 RECREATION RESOURCES	5	0.9	28,617	47,998	*	9,802
0600 TIMBER FORST PRODUCT	8	2.3	58,018	105,988	*	4,637
1000 FRUIT NUTS DECIDUOUS	10	2.9	109,246	196,821	*	0
1100 POTATOES	1	0.0	0	2,667	*	0
1200 VEGETABLES	2	0.0	750	3,814	*	0
1300 ORNAMENTALS TURF	7	1.5	45,738	74,227	*	0
1400 CORN	2	0.2	2,732	8,201	*	0
2000 FORAGE CROPS	6	1.4	46,526	84,051	*	0
2900 POULTRY	5	1.4	51,129	193,476	*	0
3000 BEEF CATTLE	1	0.1	3,160	4,707	*	0
3100 DAIRY CATTLE	17	4.7	181,168	388,933	*	18,764
3300 SHEEP AND WOOL	2	0.1	4,160	6,236	*	0
3400 OTHER ANIMALS	1	0.1	3,821	14,481	*	0
3600 FARM SUPP & FACILITS	1	0.3	3,541	13,989	*	4,637
4000 PEOPLE AS INDIVIDUAL	4	2.4	54,178	120,377	*	36,870
4100 FAMILY MEMBERS	1	0.2	0	8,776	*	0
4200 FARM AS BUSINESS	1	0.2	0	8,775	*	0
4300 SOC POLIT ORGANIZ	4	0.8	28,808	41,369	*	0
4800 MARKETING SYSTEMS	2	0.8	22,446	32,855	*	0
6300 BIO CELL SYSTEMS	7	3.5	73,103	193,511	*	0
6600 MICROORGANISMS,VIRUS	1	0.0	4,695	6,342	*	0
6700 PLANTS	3	0.4	7,223	64,367	*	0
TOTAL	107	27.8	825,967	1,855,034	*	101,981

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0600 TIMBER FORST PRODUCT	1	0.0	1,141	3,292	*	0
0800 WILDLIFE AND FISH	2	1.1	29,462	43,406	*	0
0900 CITRUS SUB TROP FRUT	1	0.6	33,137	40,299	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	3,682	4,478	*	0
1200 VEGETABLES	1	0.3	11,980	14,719	*	0
1500 GRAIN SORGHUM	1	0.4	12,307	15,851	*	0
1900 PASTURE	1	0.4	11,120	14,729	*	0
2000 FORAGE CROPS	1	0.4	12,307	15,851	*	0
3000 BEEF CATTLE	1	1.0	40,153	40,153	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	1,141	3,292	*	0
TOTAL	11	4.5	156,430	193,069	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	14	8.8	11,983	928,406	*	115
0200 WATER	6	1.5	23,183	83,029	*	115
0300 WATERSHEDS RIVER BAS	2	1.6	49,586	140,365	*	0
0500 RECREATION RESOURCES	2	1.1	28,979	79,847	*	7,838
0600 TIMBER FORST PRODUCT	26	14.7	197,987	1,310,945	*	155,044
0800 WILDLIFE AND FISH	4	2.9	58,768	514,700	*	32,818
0900 CITRUS SUB TROP FRUT	1	0.0	0	610	*	0
1000 FRUIT NUTS DECIDUOUS	22	8.8	184,627	619,057	*	8,160
1200 VEGETABLES	6	1.7	9,454	111,114	*	1,187
1300 ORNAMENTALS TURF	12	6.2	130,736	457,438	*	3,676
1400 CORN	13	3.7	69,194	290,392	*	2,633
1500 GRAIN SORGHUM	1	0.1	0	6,896	*	0
1700 WHEAT	5	1.3	29,498	98,917	*	1,019
1800 OTHER SMALL GRAINS	3	1.1	27,699	78,377	*	1,019
1900 PASTURE	2	0.1	0	12,680	*	0
2000 FORAGE CROPS	10	7.5	66,018	376,521	*	32,729
2100 COTTON	3	0.3	3,142	41,167	*	13,242
2300 SOYBEANS	16	6.6	86,515	490,527	*	32,848
2400 PEANUTS	5	2.9	35,131	207,253	*	11,124
2600 TOBACCO	16	8.8	73,384	631,856	*	3,523
2900 POULTRY	17	9.7	206,360	858,226	*	3,709
3000 BEEF CATTLE	23	10.1	162,542	955,955	*	31,793
3100 DAIRY CATTLE	19	7.7	296,501	770,503	*	5,538
3200 SWINE	10	6.4	98,075	572,921	*	36,976
3300 SHEEP AND WOOL	6	1.7	33,847	236,921	*	0
3400 OTHER ANIMALS	5	1.4	53,535	158,641	*	0
3700 CLOTHING & TEXTILES	1	1.3	25,065	31,245	*	0
3800 FOOD	7	2.8	112,089	211,306	*	14,154
3900 HOUSING & EQUIP	2	2.2	46,810	113,764	*	2,017
4000 PEOPLE AS INDIVIDUAL	16	7.0	151,756	398,747	*	4,419
4100 FAMILY MEMBERS	3	1.5	11,040	21,427	*	0
4200 FARM AS BUSINESS	1	0.1	0	4,446	*	0
4300 SOC POLIT ORGANIZ	5	1.4	34,087	97,758	*	0
4400 AGRIC ECONOMY U S	1	3.0	0	110,332	*	0
4700 OTH MARKET PROCESS	1	0.3	0	23,417	*	0
4800 MARKETING SYSTEMS	2	0.8	21,298	47,804	*	5,487
6100 WEEDS	4	0.7	10,877	25,142	*	4,273
6300 BIO CELL SYSTEMS	4	2.7	34,314	211,983	*	0
6500 INVERTEBRATES	3	1.4	40,070	94,266	*	1,831
6600 MICROORGANISMS,VIRUS	2	11.0	11,245	1,146,032	*	0
6700 PLANTS	14	4.8	109,574	371,637	*	2,161
6800 ANIMALS (VERTEBRATES)	3	2.2	29,574	124,717	*	115
7000 RSCH EQUIP & TECHNOL	1	1.8	0	175,487	*	0
9900 UNCLASSIFIED	1	0.7	999	57,691	*	0
TOTAL	322	162.3	2,575,542	13,300,462	*	419,561

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	35	8.2	170,052	837,317	*	52,177
0200 WATER	12	1.9	41,007	161,085	*	9,508
0300 WATERSHEDS RIVER BAS	4	0.1	7,429	29,420	*	748
0400 AIR AND CLIMATE	2	0.5	9,233	19,425	*	0
0500 RECREATION RESOURCES	3	0.0	1,154	8,078	*	1,035
0600 TIMBER FORST PRODUCT	30	9.0	117,520	926,677	*	55,707
0700 RANGE	11	0.6	4,309	76,752	*	9,162
0800 WILDLIFE AND FISH	6	1.8	14,317	51,549	*	2,523
1000 FRUIT NUTS DECIDUOUS	57	22.9	317,184	2,765,172	*	18,535
1100 POTATOES	22	7.9	30,265	822,185	*	30,260
1200 VEGETABLES	48	11.1	177,766	1,485,348	*	38,568
1300 ORNAMENTALS TURF	16	5.8	0	481,003	*	670
1400 CORN	5	0.2	575	19,863	*	37
1700 WHEAT	37	6.9	142,427	942,228	*	37,919
1800 OTHER SMALL GRAINS	20	2.7	79,386	373,861	*	346
1900 PASTURE	1	0.2	0	9,387	*	0
2000 FORAGE CROPS	15	3.1	69,268	339,271	*	1,476
2300 SOYBEANS	2	0.2	0	21,356	*	0
2500 OTHER OILSEED CROPS	2	0.1	13,468	16,548	*	0
2700 SUGAR CROPS	6	1.9	2,367	141,096	*	2,359
2800 MISC NEW CROPS	9	1.6	23,324	279,256	*	7,530
2900 POULTRY	18	5.7	42,667	717,024	*	0
3000 BEEF CATTLE	22	5.0	128,946	776,504	*	0
3100 DAIRY CATTLE	16	4.0	70,321	386,130	*	0
3200 SWINE	5	0.9	6,699	165,336	*	0
3300 SHEEP AND WOOL	11	2.9	58,028	225,160	*	0
3400 OTHER ANIMALS	4	0.6	0	42,489	*	0
3500 BEES AND HONEY	2	1.0	44,810	74,516	*	0
3600 FARM SUPP & FACILITS	1	0.1	0	1,129	*	0
3800 FOOD	3	0.2	10,217	18,725	*	240
3900 HOUSING & EQUIP	3	0.6	17,258	57,900	*	0
4000 PEOPLE AS INDIVIDUAL	9	4.0	102,718	204,439	*	4,553
4100 FAMILY MEMBERS	5	1.5	23,176	73,761	*	0
4200 FARM AS BUSINESS	3	1.3	29,441	68,891	*	7,172
4300 SOC POLIT ORGANIZ	8	1.8	77,981	119,334	*	3,415
4400 AGRIC ECONOMY U S	5	2.0	67,273	131,006	*	4,179
4600 FARM COOPERATIVES	1	0.2	0	11,339	*	0
4800 MARKETING SYSTEMS	6	1.0	31,248	99,873	*	12,730
6100 WEEDS	3	0.4	394	33,580	*	0
6200 SEED RESEARCH	1	1.0	0	28,856	*	0
6300 BIO CELL SYSTEMS	2	0.8	0	63,826	*	0
6400 EXP DESIGN/STAT METH	2	0.0	0	6,687	*	0
6500 INVERTEBRATES	6	0.9	1,433	163,446	*	0
6600 MICROORGANISMS,VIRUS	6	0.4	11,198	68,234	*	0
6700 PLANTS	13	3.6	91,082	360,699	*	0
6800 ANIMALS (VERTEBRATES)	3	0.5	2,617	69,807	*	0
7000 RSCH EQUIP & TECHNOL	4	0.5	0	23,521	*	0
TOTAL	507	127.4	2,032,556	13,839,139	*	300,848

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	38	9.0	198,754	937,350	*	0
0200 WATER	13	3.5	45,077	246,459	*	0
0300 WATERSHEDS RIVER BAS	3	0.5	0	32,312	*	0
0500 RECREATION RESOURCES	6	0.8	25,475	60,423	*	0
0600 TIMBER FORST PRODUCT	32	11.5	285,395	877,231	*	2,258
0800 WILDLIFE AND FISH	23	5.6	31,545	563,133	*	0
1000 FRUIT NUTS DECIDUOUS	14	4.2	57,088	289,305	*	0
1100 POTATOES	21	5.6	187,040	486,134	*	0
1200 VEGETABLES	41	11.0	183,641	836,327	*	0
1300 ORNAMENTALS TURF	10	2.7	20,716	150,108	*	0
1400 CORN	14	3.7	46,843	280,743	*	0
1500 GFAIN SORGHUM	1	0.1	6,403	10,052	*	0
1700 WHEAT	4	0.7	1,297	37,323	*	0
1800 OTHER SMALL GRAINS	8	1.9	17,829	172,393	*	0
1900 PASTURE	1	0.2	0	6,483	*	0
2000 FORAGE CROPS	21	7.3	145,430	653,347	*	0
2300 SOYBEANS	10	2.5	33,065	218,276	*	42,519
2600 TOBACCO	2	0.6	9,309	39,844	*	0
2900 POULTRY	17	4.3	112,059	564,436	*	19,949
3000 BEEF CATTLE	15	4.0	167,135	564,137	*	0
3100 DAIRY CATTLE	54	14.6	446,901	2,394,977	*	99,036
3200 SWINE	22	3.5	115,096	531,401	*	45,071
3300 SHEEP AND WOOL	6	1.2	46,494	220,602	*	0
3400 OTHER ANIMALS	9	1.6	25,381	401,871	*	0
3500 BEES AND HONEY	3	3.0	0	113,090	*	0
3700 CLOTHING & TEXTILES	1	0.2	15,569	15,569	*	0
3800 FOOD	33	10.4	163,354	979,742	*	0
3900 HOUSING & EQUIP	2	0.7	0	31,837	*	0
4000 PEOPLE AS INDIVIDUAL	41	9.5	101,715	1,202,494	*	0
4100 FAMILY MEMBERS	2	0.2	7,978	13,618	*	0
4200 FARM AS BUSINESS	3	1.0	18,020	84,634	*	0
4300 SOC POLIT ORGANIZ	15	6.0	65,476	234,378	*	0
4400 AGRIC ECONOMY U S	2	1.2	34,534	137,321	*	5,812
4600 FARM COOPERATIVES	4	0.5	34,362	54,568	*	1,157
4800 MARKETING SYSTEMS	5	1.9	74,223	196,843	*	6,969
6300 BIO CELL SYSTEMS	19	6.2	0	1,113,094	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	11,254	*	0
6500 INVERTEBRATES	11	2.7	23,770	280,285	*	0
6600 MICROORGANISMS,VIRUS	21	9.2	32,342	1,409,956	*	0
6700 PLANTS	12	3.7	31,764	354,583	*	0
6800 ANIMALS (VERTEBRATES)	19	3.8	25,225	534,295	*	0
7000 RSCH EQUIP & TECHNOL	2	0.3	23,510	33,388	*	0
TOTAL	581	161.2	2,861,862	17,365,635	*	222,740

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	14	3.6	121,936	289,596	*	0
0200 WATER	3	0.7	25,008	48,831	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	1,106	2,124	*	0
0400 AIR AND CLIMATE	2	0.2	8,557	14,160	*	0
0500 RECREATION RESOURCES	7	1.8	36,929	69,618	*	4,293
0600 TIMBER FORST PRODUCT	16	5.2	222,249	428,382	*	1,196
0700 RANGE	1	0.5	67,739	120,514	*	0
0800 WILDLIFE AND FISH	11	1.9	22,058	121,948	*	10,685
1000 FRUIT NUTS DECIDUOUS	11	4.1	205,648	359,601	*	0
1100 POTATOES	3	1.1	74,243	94,985	*	0
1200 VEGETABLES	5	1.6	54,870	87,803	*	0
1300 ORNAMENTALS TURF	4	0.9	46,854	85,951	*	5,245
1400 CORN	4	0.7	40,725	69,388	*	0
1700 WHEAT	1	0.1	0	5,138	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	5,138	*	0
2000 FORAGE CROPS	6	1.7	57,405	145,407	*	0
2900 POULTRY	7	3.3	153,744	335,074	*	0
3000 BEEF CATTLE	10	2.9	203,324	420,184	*	0
3100 DAIRY CATTLE	4	1.1	32,733	147,549	*	0
3300 SHEEP AND WOOL	5	1.7	118,556	295,363	*	0
3400 OTHER ANIMALS	1	0.5	28,081	40,529	*	0
3800 FOOD	1	0.4	10,644	12,305	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.2	9,828	11,888	*	0
4200 FARM AS BUSINESS	1	1.0	48,183	60,082	*	0
4300 SOC POLIT ORGANIZ	5	1.5	48,450	99,008	*	7,280
4800 MARKETING SYSTEMS	1	1.1	37,106	46,796	*	0
6300 BIO CELL SYSTEMS	1	0.5	26,444	34,233	*	0
6700 PLANTS	1	0.1	0	7,306	*	0
6800 ANIMALS (VERTEBRATES)	2	0.2	5,936	16,860	*	0
TOTAL	130	38.5	1,708,354	3,476,201	*	28,699

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - WYOMING

LARAMIE

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	8	1.6	17,067	139,034	*	0
0200 WATER	10	2.4	39,754	147,229	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	1,050	10,574	*	0
0400 AIR AND CLIMATE	5	0.7	4,468	29,890	*	0
0600 TIMBER FORST PRODUCT	3	1.7	57,456	76,628	*	0
0700 RANGE	13	4.3	35,196	317,470	*	0
0800 WILDLIFE AND FISH	1	0.1	3,575	5,757	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.2	0	10,231	*	0
1100 POTATOES	1	0.3	6,454	10,191	*	0
1200 VEGETABLES	3	0.8	0	38,608	*	0
1300 ORNAMENTALS TURF	2	0.4	2,193	19,956	*	0
1400 CORN	4	0.2	2,250	27,286	*	0
1700 WHEAT	5	0.7	7,010	58,841	*	0
1800 OTHER SMALL GRAINS	6	0.7	11,424	71,245	*	0
1900 PASTURE	4	0.2	3,267	39,652	*	0
2000 FORAGE CROPS	13	3.9	58,715	217,142	*	15,000
2300 SOYBEANS	1	1.1	24,394	31,090	*	0
2700 SUGAR CROPS	6	1.1	22,055	93,146	*	0
2900 POULTRY	1	0.6	16,597	44,146	*	0
3000 BEEF CATTLE	22	7.7	270,964	625,286	*	25,000
3100 DAIRY CATTLE	5	1.4	54,438	95,347	*	0
3300 SHEEP AND WOOL	12	4.9	158,241	264,423	*	0
3400 OTHER ANIMALS	3	0.5	7,736	28,666	*	0
3600 FARM SUPP & FACILITS	2	0.5	8,166	16,026	*	0
3800 FOOD	1	0.0	1,167	1,314	*	0
3900 HOUSING & EQUIP	3	1.1	4,227	80,783	*	31,459
4000 PEOPLE AS INDIVIDUAL	1	0.2	5,681	7,663	*	0
4200 FARM AS BUSINESS	1	0.7	19,783	19,923	*	0
4300 SOC POLIT ORGANIZ	4	0.6	19,672	34,092	*	0
4400 AGRIC ECONOMY U S	2	0.2	1,720	6,332	*	0
4700 OTH MARKET PROCESS	1	0.1	1,462	2,291	*	0
4800 MARKETING SYSTEMS	1	0.2	5,000	5,630	*	0
6100 WEEDS	1	0.2	3,959	7,868	*	0
6300 BIO CELL SYSTEMS	3	2.4	40,761	74,171	*	0
6500 INVERTEBRATES	3	1.5	5,681	111,653	*	0
6600 MICROORGANISMS,VIRUS	1	0.3	6,663	11,028	*	0
6700 PLANTS	6	2.6	23,602	82,286	*	0
6800 ANIMALS (VERTEBRATES)	2	0.7	0	27,381	*	0
TOTAL	162	47.1	951,845	2,890,355	*	71,459

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	43	14.9	142,380	1,462,405	*	6,141
0200 WATER	20	8.2	39,603	751,560	*	6,506
0300 WATERSHEDS RIVER BAS	18	2.9	23,641	271,744	*	46,605
0400 AIR AND CLIMATE	2	1.3	24,114	53,925	*	2,476
0500 RECREATION RESOURCES	30	6.3	107,896	496,384	*	14,300
0600 TIMBER FORST PRODUCT	389	128.5	1,500,181	10,054,056	*	506,632
0700 RANGE	20	2.6	25,265	195,870	*	50,709
0800 WILDLIFE AND FISH	86	18.9	136,225	1,610,214	*	65,672
1300 ORNAMENTALS TURF	3	0.2	2,741	7,227	*	0
2000 FORAGE CROPS	1	0.2	0	10,151	*	3,200
2300 SOYBEANS	1	0.4	0	36,814	*	18,000
2900 POULTRY	1	0.1	0	807	*	0
3000 BEEF CATTLE	1	0.1	0	3,714	*	221
3200 SWINE	1	0.0	0	38,048	*	38,048
3900 HOUSING & EQUIP	3	0.8	0	56,248	*	4,065
4000 PEOPLE AS INDIVIDUAL	3	0.5	6,633	41,351	*	914
4300 SOC POLIT ORGANIZ	1	0.1	0	1,786	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	78	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	7,322	*	0
6400 EXP DESIGN/STAT METH	5	2.0	3,606	127,123	*	0
6500 INVERTEBRATES	1	1.0	0	15,944	*	0
6600 MICROORGANISMS, VIRUS	1	0.1	0	3,729	*	0
6700 PLANTS	4	2.0	902	50,941	*	0
7000 RSCH EQUIP & TECHNOL	6	0.6	19,835	42,250	*	0
9900 UNCLASSIFIED	6	16.9	0	1,048,733	*	107,154
TOTAL	648	208.8	2,033,021	16,388,422	*	870,641

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	9	5.5	12,355	593,412	*	0
102 SOIL PLNT MTR NUTRI	21	6.7	68,894	647,938	*	0
104 ALTERN USE OF LAND	11	2.3	67,025	160,543	*	6,141
105 CONSERV USE OF WATE	4	5.4	3,802	573,375	*	0
106 DRAIN AND IRRIGATIO	1	0.1	0	19,710	*	0
107 WATERSHED PROT & MG	21	11.9	24,332	1,398,750	*	22,182
108 ECON LEG PROB OF WA	1	0.0	0	148	*	0
109 WEATHER ADAPT & MOD	2	1.1	24,114	66,674	*	0
110 APPRAIS FORST & RAN	36	5.9	86,310	373,172	*	1,197
111 BIOL CULT MGMT FORS	159	37.9	643,552	3,526,537	*	204,827
112 IMPROV RANGE RESOR	14	1.8	6,003	145,521	*	49,481
113 REMOTE SENSING	12	1.0	31,968	62,214	*	0
SUBTOTAL	291	79.5	968,355	7,567,992	*	283,826
SERIES 200						
201 CNTRL FORST INSECTS	39	8.6	73,528	766,950	*	85,790
202 CONTROL FOREST DIS	27	4.5	99,133	437,417	*	37,746
203 FOREST FIRE PROTECT	5	0.7	0	68,405	*	22,731
211 CONTR DIS ANIMALS	1	0.1	0	807	*	0
213 PROT ANMLS FROM TOX	1	0.1	0	3,714	*	221
214 PROTECT FROM POLLUT	6	0.8	4,593	51,485	*	6,399
SUBTOTAL	79	14.6	177,253	1,328,778	*	152,887
SERIES 300						
301 GENET BREED FORST T	41	7.5	257,120	714,230	*	30,597
302 IMP FOREST ENG SYS	10	5.3	30,135	278,865	*	30,467
303 ECON TIMBER PRODUCT	21	3.3	31,104	246,332	*	16,740
307 IMP BIO EFF FLD CRP	2	2.2	0	77,890	*	18,000
310 ANIMAL REPRODUCTION	1	0.0	0	38,048	*	38,048
316 NON-COM BIO TECH/BI	10	3.6	4,508	163,983	*	0
SUBTOTAL	85	21.8	322,866	1,519,348	*	133,852
SERIES 400						
401 NEW IMP FOREST PROD	68	34.8	159,564	1,743,780	*	17,038
SUBTOTAL	66	34.8	159,564	1,743,780	*	17,038
SERIES 500						
502 MGTG TIMBER PRODUCT	5	1.4	24,201	66,593	*	8,129
512 IMP GRADES FRST PRO	7	1.3	4,528	67,805	*	9,061
513 PRICE ANAL FRST PRO	4	2.4	41,432	132,024	*	8,129
SUBTOTAL	16	5.0	70,161	286,422	*	25,319
SERIES 600						
603 TECH AID DEV CRTY	5	0.5	8,173	44,963	*	0
SUBTOTAL	5	0.5	8,173	44,963	*	0
SERIES 800						
805 COMMUNICAT RURAL PE	2	0.4	6,633	19,627	*	914
806 ADJUSTMENT TO CHANG	1	0.1	0	21,724	*	0
SUBTOTAL	3	0.5	6,633	41,351	*	914
SERIES 900						
901 ALLEV POLLUTION	12	4.9	30,426	250,535	*	35,559
902 OUTDOOR RECREATION	28	6.3	107,896	497,714	*	13,072
903 MULTI-USE-FOREST PO	14	1.6	59,422	117,715	*	6,141
904 WILDLIFE AND FISH ECO	82	18.8	119,533	1,616,518	*	66,010
905 TREES BEAUTIFICATIO	5	3.5	2,741	322,632	*	28,869
906 ORNAMENT & TURF DEV	1	0.0	0	155	*	0
907 RURAL INCOME IMP	1	0.1	0	1,786	*	0
990 UNCLASSIFIED	6	16.9	0	1,048,733	*	107,154
SUBTOTAL	149	52.2	320,017	3,855,788	*	256,805
SCIENCE IN SERV OF MAN GRAND TOTAL	696	208.8	2,033,021	16,388,422	*	870,641

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH FAIRBANKS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.1	10,601	10,601	*	0
0200 WATER	1	0.0	6	6	*	0
0600 TIMBER FORST PRODUCT	3	0.5	117,333	117,333	*	0
0700 RANGE	1	0.3	5,151	5,151	*	0
0800 WILDLIFE AND FISH	1	0.1	2,537	2,537	*	0
TOTAL	8	1.0	135,628	135,628	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0500 RECREATION RESOURCES	2	0.2	177	4,077	*	0
0600 TIMBER FORST PRODUCT	7	2.5	39,369	91,369	*	0
0700 RANGE	2	0.6	4,620	14,820	*	0
TOTAL	11	3.2	44,165	110,265	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH ARCATA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.2	5,858	12,432	*	0
0600 TIMBER FORST PRODUCT	6	0.3	16,110	39,766	*	0
1300 ORNAMENTALS TURF	2	0.2	2,741	7,072	*	0
TOTAL	10	0.6	24,708	59,269	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CARBONDALE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.1	0	3,056	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	0	26,890	*	0
0500 RECREATION RESOURCES	2	0.6	0	88,225	*	0
0600 TIMBER FORST PRODUCT	27	2.8	73,633	175,454	*	11,630
0700 RANGE	1	0.0	0	816	*	0
0800 WILDLIFE AND FISH	1	0.1	0	5,800	*	1,828
2000 FORAGE CROPS	1	0.2	0	10,151	*	3,200
3200 SWINE	1	0.0	0	38,048	*	38,048
4000 PEOPLE AS INDIVIDUAL	2	0.2	0	24,624	*	914
TOTAL	38	4.3	73,633	373,064	*	55,620

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH FT COLLINS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST OF YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	6	0.4	34,342	71,205	*	0
0200 WATER	5	0.3	15,346	35,056	*	0
0300 WATERSHEDS RIVER BAS	3	0.3	18,723	29,483	*	0
0400 AIR AND CLIMATE	1	0.2	0	2,476	*	2,476
0500 RECREATION RESOURCES	1	0.2	21,022	21,022	*	0
0600 TIMBER FORST PRODUCT	9	1.1	53,800	97,892	*	0
0700 RANGE	2	0.1	970	21,685	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	59,816	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	7,900	7,900	*	0
TOTAL	29	3.7	152,103	346,536	*	2,476

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST OF YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.2	9,663	16,003	*	0
0200 WATER	1	0.1	0	7,278	*	1,436
0300 WATERSHEDS RIVER BAS	3	0.8	0	69,168	*	45,377
0500 RECREATION RESOURCES	4	1.7	8,844	90,372	*	0
0600 TIMBER FORST PRODUCT	40	11.6	142,002	1,093,912	*	168,696
0700 RANGE	9	1.5	14,524	139,490	*	49,481
0800 WILDLIFE AND FISH	39	9.1	18,344	731,264	*	23,712
3000 BEEF CATTLE	1	0.1	0	3,714	*	221
6700 PLANTS	1	0.1	0	6,555	*	0
9900 UNCLASSIFIED	1	0.5	0	221,500	*	15,234
TOTAL	100	25.6	193,397	2,379,256	*	304,156

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH RUSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST OF YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.6	10,403	27,638	*	0
0600 TIMBER FORST PRODUCT	4	2.4	48,764	129,553	*	0
0800 WILDLIFE AND FISH	1	0.6	5,851	15,546	*	0
TOTAL	6	3.6	65,018	172,737	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY FORESTRY SCH ANN ARBOR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST OF YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	6	0.3	7,650	15,750	*	0
0200 WATER	2	0.1	3,872	7,356	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	148	*	0
0500 RECREATION RESOURCES	6	0.2	0	5,136	*	0
0600 TIMBER FORST PRODUCT	37	3.9	78,512	216,834	*	0
0700 RANGE	2	0.0	0	1,598	*	0
0800 WILDLIFE AND FISH	6	0.2	0	21,190	*	0
1300 ORNAMENTALS TURF	1	0.0	0	155	*	0
2300 SOYBEANS	1	0.4	0	36,814	*	18,000
4500 AGRIC ECONOMY FORGN	1	0.0	0	78	*	0
6400 EXP DESIGN/STAT METH	2	0.1	3,606	6,837	*	0
6700 PLANTS	1	0.0	902	1,700	*	0
7000 RSCH EQUIP & TECHNOL	2	0.0	0	226	*	0
TOTAL	68	5.3	94,942	313,820	*	18,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH HOUGHTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	3	1.0	17,584	63,727	*	0
0600 TIMBER FORST PRODUCT	28	12.9	35,025	770,433	*	0
0800 WILDLIFE AND FISH	1	0.0	5,441	9,049	*	0
9900 UNCLASSIFIED	1	0.0	0	17,244	*	0
TOTAL	33	13.9	58,050	860,453	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MISSOULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.0	855	21,776	*	0
0200 WATER	1	0.0	909	23,137	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	0	37,742	*	0
0500 RECREATION RESOURCES	1	0.2	17,202	33,632	*	0
0600 TIMBER FORST PRODUCT	10	2.2	106,206	365,167	*	0
0800 WILDLIFE AND FISH	5	1.8	37,361	186,775	*	0
TOTAL	19	4.5	162,533	668,230	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	4	0.5	11,067	30,624	*	0
0200 WATER	2	0.6	6,700	22,110	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	3,928	9,253	*	0
0500 RECREATION RESOURCES	2	0.2	0	12,646	*	700
0600 TIMBER FORST PRODUCT	32	14.6	103,217	644,367	*	37,833
0800 WILDLIFE AND FISH	12	2.1	0	190,756	*	250
4300 SOC POLIT ORGANIZ	1	0.1	0	1,786	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	7,322	*	0
6500 INVERTEBRATES	1	1.0	0	15,944	*	0
6600 MICROORGANISMS, VIRUS	1	0.1	0	3,729	*	0
6700 PLANTS	2	1.9	0	42,686	*	0
7000 RSCH EQUIP & TECHNOL	2	0.2	11,935	20,275	*	0
9900 UNCLASSIFIED	1	12.2	0	694,520	*	76,927
TOTAL	62	33.7	136,846	1,696,017	*	115,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.9	8,441	18,858	*	0
0200 WATER	2	1.5	12,770	53,377	*	5,070
0300 WATERSHEDS RIVER BAS	2	0.4	990	7,399	*	0
0400 AIR AND CLIMATE	1	1.1	24,114	51,449	*	0
0500 RECREATION RESOURCES	4	0.9	0	32,547	*	0
0600 TIMBER FORST PRODUCT	96	34.1	242,809	2,749,500	*	102,123
0700 RANGE	1	0.1	0	3,813	*	0
0800 WILDLIFE AND FISH	5	1.1	0	80,789	*	21,729
3900 HOUSING & EQUIP	1	0.3	0	26,777	*	0
6400 EXP DESIGN/STAT METH	2	0.8	0	60,470	*	0
9900 UNCLASSIFIED	1	1.0	0	28,098	*	0
TOTAL	117	42.1	289,124	3,113,078	*	128,922

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CLEMSON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	4	0.4	16,222	28,955	*	0
0200 WATER	1	0.7	0	45,840	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	5,123	*	0
0500 RECREATION RESOURCES	1	0.5	21,841	25,832	*	0
0600 TIMBER FORST PRODUCT	38	7.0	155,565	493,811	*	7,100
0800 WILDLIFE AND FISH	7	0.9	21,192	80,358	*	3,344
2900 POULTRY	1	0.1	0	807	*	0
7000 RSCH EQUIP & TECHNOL	1	0.4	0	13,849	*	0
9900 UNCLASSIFIED	1	2.0	0	83,824	*	14,993
TOTAL	55	12.0	214,820	778,100	*	25,437

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH NACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	4	0.2	9,675	21,534	*	0
0200 WATER	2	0.1	0	16,271	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	0	25,159	*	0
0500 RECREATION RESOURCES	1	0.3	0	27,960	*	0
0600 TIMBER FORST PRODUCT	20	4.3	77,492	398,315	*	1,198
0800 WILDLIFE AND FISH	3	0.5	28,310	63,022	*	0
9900 UNCLASSIFIED	1	1.2	0	3,547	*	0
TOTAL	33	6.7	115,476	556,807	*	1,198

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0500 RECREATION RESOURCES	2	0.5	32,504	58,095	*	0
0600 TIMBER FORST PRODUCT	4	1.6	53,755	130,446	*	0
0800 WILDLIFE AND FISH	2	0.7	17,189	59,016	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.3	6,633	16,727	*	0
TOTAL	9	3.1	110,080	264,284	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	5	10.1	0	1,120,245	*	6,141
0200 WATER	3	4.8	0	541,129	*	0
0300 WATERSHEDS RIVER BAS	3	0.7	0	60,379	*	1,228
0500 RECREATION RESOURCES	4	0.9	6,306	96,841	*	13,600
0600 TIMBER FORST PRODUCT	28	26.8	156,193	2,539,905	*	178,052
0700 RANGE	2	0.1	0	8,498	*	1,228
0800 WILDLIFE AND FISH	3	1.7	0	164,411	*	14,808
3900 HOUSING & EQUIP	2	0.5	0	29,471	*	4,065
TOTAL	50	45.5	162,498	4,560,878	*	219,122

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SRS AMOUNT 1977
0100 SOIL AND LAND	27	8.3	0	596,417	*	595,980
0200 WATER	14	7.8	0	338,574	*	338,974
0300 WATERSHEDS RIVER BAS	3	1.5	0	62,383	*	62,383
0400 AIR AND CLIMATE	1	0.4	0	40,000	*	40,000
0500 RECREATION RESOURCES	3	0.8	0	42,848	*	42,848
0600 TIMBER FORST PRODUCT	3	0.8	0	52,879	*	29,001
0800 WILDLIFE AND FISH	18	4.1	0	346,900	*	330,624
0900 CITRUS SUB TROP FRUT	2	0.1	0	9,378	*	9,378
1000 FRUIT NUTS DECIDUOUS	7	2.4	0	195,212	*	195,212
1200 VEGETABLES	26	9.3	0	548,749	*	548,749
1300 ORNAMENTALS TURF	2	0.4	0	42,466	*	42,466
1400 CORN	1	0.2	0	3,292	*	3,292
1500 GRAIN SORGHUM	1	0.0	0	2,507	*	2,507
1700 WHEAT	4	0.6	0	30,777	*	30,777
1800 OTHER SMALL GRAINS	17	6.1	0	686,001	*	686,001
1900 PASTURE	1	0.1	0	4,467	*	4,467
2000 FORAGE CROPS	6	0.7	0	125,392	*	121,737
2100 COTTON	9	6.0	0	265,734	*	236,252
2200 COTTONSEED	1	0.0	0	1,032	*	1,032
2300 SOYBEANS	29	9.2	0	782,203	*	542,734
2400 PEANUTS	8	4.6	0	242,773	*	242,773
2500 OTHER OILSEED CROPS	1	0.0	0	8,496	*	8,496
2600 TOBACCO	2	0.2	0	33,230	*	33,230
2800 MISC NEW CROPS	1	0.2	0	5,913	*	5,913
2900 POULTRY	17	5.0	0	438,607	*	432,515
3000 BEEF CATTLE	25	6.1	0	724,535	*	717,330
3100 DAIRY CATTLE	11	2.0	0	326,554	*	326,554
3200 SWINE	23	6.6	0	366,942	*	348,669
3300 SHEEP AND WOOL	4	1.1	0	52,908	*	52,908
3400 OTHER ANIMALS	11	3.3	0	188,293	*	188,293
3600 FARM SUPP & FACILITS	5	3.6	0	283,844	*	283,844
3700 CLOTHING & TEXTILES	4	0.9	0	63,577	*	63,577
3800 FOOD	54	15.5	0	877,659	*	877,659
3900 HOUSING & EQUIP	7	3.1	0	152,759	*	152,759
4000 PEOPLE AS INDIVIDUAL	92	23.5	0	1,731,164	*	1,715,936
4100 FAMILY MEMBERS	38	7.6	0	608,158	*	583,185
4200 FARM AS BUSINESS	7	2.2	0	128,331	*	122,240
4300 SOC POLIT ORGANIZ	21	2.7	0	358,838	*	356,401
4400 AGRIC ECONOMY U S	1	0.1	0	17,131	*	17,131
4600 FARM COOPERATIVES	5	0.9	0	129,159	*	129,159
4800 MARKETING SYSTEMS	2	0.8	0	96,352	*	96,352
6100 WEEDS	7	1.5	0	26,400	*	26,400
6300 BIO CELL SYSTEMS	1	0.3	0	13,284	*	13,284
6500 INVERTEBRATES	1	0.0	0	9,988	*	9,988
6600 MICROORGANISMS, VIRUS	1	0.2	0	14,142	*	14,142
6700 PLANTS	6	2.3	0	132,209	*	129,163
6800 ANIMALS (VERTEBRATES)	2	0.3	0	23,724	*	23,724
TOTAL	536	153.1	0	11,236,580	*	10,836,039

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	3	0.7	0	35,980	*	35,980
102 SOIL PLNT WTR NUTRI	11	2.3	0	176,589	*	174,152
109 WEATHER ADAPT & MOD	1	0.4	0	15,354	*	15,354
111 BIOL CULT MGMT FORS	1	0.6	0	27,498	*	27,498
SUBTOTAL	16	4.0	0	255,422	*	252,985
SERIES 200						
201 CNTRL FORST INSECTS	1	0.2	0	23,878	*	0
204 CNTR PESTS FRT & VE	4	2.4	0	156,088	*	156,088
205 CNTR DISE FRT & VEG	5	1.1	0	58,104	*	58,104
206 CNTR WEEDS FRT & VE	7	1.5	0	60,784	*	60,784
207 CNTR PESTS FLD CROP	9	1.7	0	199,947	*	160,441
208 CNTR DIS FIELD CROP	11	6.4	0	296,090	*	266,608
209 CNTR WEEDS FLD CROP	2	0.9	0	36,243	*	36,243
211 CNTR DIS ANIMALS	11	3.3	0	138,726	*	132,634
212 CNTR INTER PARASITE	1	0.2	0	13,150	*	13,150
214 PROTECT FROM POLLUT	11	2.1	0	177,952	*	177,952
SUBTOTAL	63	19.7	0	1,160,962	*	1,068,004
SERIES 300						
304 IMP BIO EFF FRT & V	23	6.1	0	379,872	*	379,872
306 PROD MGMT SYS F & V	1	0.0	0	7,955	*	7,955
307 IMP BIO EFF FLD CRP	36	12.3	0	1,126,209	*	920,246
310 ANIMAL REPRODUCTION	12	2.6	0	371,707	*	371,707
311 IMP BIO EFF ANML PR	27	8.2	0	834,179	*	826,974
312 ENV STRESS IN ANML	3	0.3	0	13,975	*	13,975
313 PROD MGMT SYS ANML	5	1.8	0	200,772	*	200,772
315 IMP STRUC FARM SUPP	5	3.6	0	283,844	*	283,844
316 FARM BUSINESS MGMT	2	1.2	0	64,439	*	64,439
318 NON-COM BIO TECH/BI	10	1.9	0	71,975	*	71,975
SUBTOTAL	126	36.2	0	3,354,927	*	3,141,759
SERIES 400						
401 NEW IMP FOREST PROD	1	0.0	0	1,503	*	1,503
402 PROD F & V IMP ACCE	4	0.1	0	14,368	*	14,368
403 NEW & IMP F&V PROD	2	0.1	0	12,817	*	12,817
405 PROD FLD CROP IMP A	8	3.2	0	246,820	*	245,297
406 NEW IMP FOOD FLD CR	4	1.1	0	131,862	*	131,862
407 NEW IMP NON-FOOD FC	1	0.3	0	13,476	*	13,476
409 PROD ANML PR IMP AC	6	3.3	0	192,947	*	192,947
410 IMP MEAT MILK EGG P	2	0.9	0	62,173	*	62,173
412 MKT QUAL ANIMAL PRO	2	0.6	0	38,821	*	38,821
SUBTOTAL	30	9.7	0	714,786	*	713,263
SERIES 500						
503 MKTG EFF AGRI PRODS	3	0.8	0	104,442	*	104,442
506 SPLY DEMAND AND PRI	1	0.0	0	10,607	*	10,607
509 PERFORMANCE MKTG SY	1	0.1	0	7,000	*	7,000
510 GROUP ACT MKT POWER	5	0.9	0	129,159	*	129,159
SUBTOTAL	10	1.8	0	251,208	*	251,208
SERIES 700						
701 TOX RES IN FOOD	4	1.2	0	51,233	*	51,233
702 FOOD PROT FROM TOX	3	0.9	0	78,632	*	77,109
703 FOOD CONSUMP HABITS	41	13.6	0	771,431	*	771,431
704 HOME COMM FOOD SERV	4	0.6	0	24,520	*	24,520
705 SEL CARE CLOTH & TE	4	0.9	0	63,577	*	63,577
706 CONTR INSECTS AFF M	1	0.0	0	2,942	*	2,942
707 TRANS ANIML MAN DI	1	0.3	0	24,938	*	24,938
708 HUMAN NUTRITION	61	20.9	0	1,162,420	*	1,144,147
709 REDUCE HAZ HLTH & S	5	1.9	0	66,601	*	66,601
SUBTOTAL	124	40.2	0	2,246,293	*	2,226,497
SERIES 800						
801 RURAL HOUSING	3	1.2	0	90,019	*	90,019
802 INDIV & FAM DEC MAK	18	3.5	0	180,969	*	166,960
803 RUFAL POVERTY	9	1.9	0	171,073	*	171,073
804 ECON POTENT RURL PE	22	2.7	0	307,033	*	307,033
805 COMMUNICAT RURL PE	14	2.2	0	270,576	*	246,821
806 ADJUSTMENT TO CHANG	14	2.0	0	269,841	*	264,968
807 AGRIC ECONOMIC CHAN	6	1.1	0	81,023	*	74,932
SUBTOTAL	86	14.5	0	1,370,534	*	1,321,806
SERIES 900						
901 ALLEV POLLUTION	32	15.6	0	958,561	*	954,906
902 OUTDOOR RECREATION	3	0.8	0	42,848	*	42,848
904 WDLFE AND FISH ECO	15	3.3	0	331,916	*	313,640
905 TREES BEAUTIFICATIO	1	0.1	0	40,412	*	40,412
906 ORNAMENT & TURF DEV	1	0.3	0	2,054	*	2,054
907 RURAL INCOME IMP	14	2.8	0	307,081	*	307,081
908 RURAL INSTITUT IMP	9	1.8	0	199,577	*	199,577
SUBTOTAL	75	24.9	0	1,882,449	*	1,860,516
SCIENCE IN SERV OF MAN						
GRAND TOTAL	530	153.1	0	11,236,580	*	10,836,039

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.1	0	138	*	138
0900 CITRUS SUB TROP FRUT	2	0.1	0	9,378	*	9,378
1000 FRUIT NUTS DECIDUOUS	4	0.2	0	47,984	*	47,984
1200 VEGETABLES	12	1.3	0	154,593	*	154,593
2800 MISC NEW CROPS	1	0.2	0	5,913	*	5,913
2900 POULTRY	6	1.3	0	85,746	*	85,746
3000 BEEF CATTLE	8	0.4	0	23,362	*	23,362
3100 DAIRY CATTLE	5	0.5	0	11,447	*	11,447
3200 SWINE	7	2.4	0	106,097	*	106,097
3400 OTHER ANIMALS	3	0.2	0	11,901	*	11,801
3800 FOOD	5	0.9	0	34,810	*	34,810
4000 PEOPLE AS INDIVIDUAL	6	0.5	0	79,387	*	79,387
4100 FAMILY MEMBERS	5	0.3	0	25,565	*	25,565
4300 SOC POLIT ORGANIZ	1	0.0	0	794	*	794
6100 WEEDS	6	1.2	0	14,271	*	14,271
6700 PLANTS	1	0.2	0	28	*	28
TOTAL	73	9.6	0	611,311	*	611,311

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALA A&M NORMAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0600 TIMBER FORST PRODUCT	1	0.6	0	27,498	*	27,498
1700 WHEAT	1	0.0	0	320	*	320
1800 OTHER SMALL GRAINS	13	5.3	0	572,161	*	572,161
2000 FORAGE CROPS	1	0.1	0	15,535	*	15,535
2900 POULTRY	1	0.3	0	28,053	*	28,053
3000 BEEF CATTLE	2	0.6	0	62,971	*	62,971
3100 DAIRY CATTLE	1	0.1	0	8,767	*	8,767
3400 OTHER ANIMALS	2	1.0	0	57,663	*	57,663
4000 PEOPLE AS INDIVIDUAL	2	0.2	0	23,421	*	23,421
4300 SOC POLIT ORGANIZ	2	0.2	0	35,131	*	35,131
6600 MICROORGANISMS,VIRUS	1	0.2	0	14,142	*	14,142
TOTAL	27	8.6	0	845,662	*	845,662

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ARK A & M PINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.3	0	36,892	*	36,892
0800 WILDLIFE AND FISH	4	0.9	0	112,877	*	112,877
1200 VEGETABLES	1	0.4	0	2,524	*	2,524
1700 WHEAT	2	0.6	0	21,962	*	21,962
2100 COTTON	2	0.8	0	14,599	*	14,599
2300 SOYBEANS	5	1.9	0	109,581	*	109,581
2900 POULTRY	2	1.0	0	80,248	*	80,248
3900 HOUSING & EQUIP	1	0.1	0	9,727	*	9,727
4000 PEOPLE AS INDIVIDUAL	4	1.3	0	91,443	*	91,443
4100 FAMILY MEMBERS	2	1.1	0	78,012	*	78,012
4600 FARM COOPERATIVES	2	0.1	0	69,967	*	69,967
TOTAL	31	8.3	0	627,830	*	627,830

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - COLORADO BOULDER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
2300 SOYBEANS	1	0.1	0	217,217	*	11,254
TOTAL	1	0.1	0	217,217	*	11,254

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0400 AIR AND CLIMATE	1	0.4	0	40,000	*	40,000
0800 WILDLIFE AND FISH	2	0.8	0	97,000	*	97,000
2000 FORAGE CROPS	1	0.1	0	40,500	*	40,500
3100 DAIRY CATTLE	1	0.1	0	40,500	*	40,500
4000 PEOPLE AS INDIVIDUAL	2	0.7	0	70,000	*	70,000
6700 PLANTS	1	0.7	0	26,397	*	26,397
TOTAL	8	2.1	0	314,397	*	314,397

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FLORIDA A&M TALLAHASSEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	3	1.1	0	47,495	*	47,495
0200 WATER	2	5.0	0	179,267	*	179,267
0800 WILDLIFE AND FISH	3	0.9	0	39,324	*	39,324
2400 PEANUTS	2	2.0	0	92,490	*	92,490
3000 BEEF CATTLE	1	0.9	0	25,297	*	25,297
3800 FOOD	3	1.4	0	32,636	*	32,636
4000 PEOPLE AS INDIVIDUAL	6	2.2	0	75,253	*	75,253
TOTAL	20	13.5	0	491,761	*	491,761

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FT. VALLEY COL PORT VALLEY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.2	0	4,939	*	4,939
1000 FRUIT NUTS DECIDUOUS	2	2.1	0	112,757	*	112,757
1200 VEGETABLES	3	1.2	0	50,516	*	50,516
1400 CORN	1	0.2	0	3,292	*	3,292
2300 SOYBEANS	3	1.3	0	84,862	*	84,862
2900 POULTRY	1	0.3	0	13,844	*	13,844
3000 BEEF CATTLE	2	0.6	0	55,678	*	55,678
3200 SWINE	2	0.5	0	43,616	*	43,616
3300 SHEEP AND WOOL	1	0.2	0	17,443	*	17,443
3400 OTHER ANIMALS	1	0.3	0	37,845	*	37,845
3600 FARM SUPP & FACILITS	3	3.6	0	276,584	*	276,584
3800 FOOD	2	1.3	0	57,884	*	57,884
4000 PEOPLE AS INDIVIDUAL	2	0.4	0	49,367	*	49,367
4100 FAMILY MEMBERS	3	2.0	0	95,672	*	95,672
4200 FARM AS BUSINESS	2	1.2	0	64,439	*	64,439
6100 WEEDS	1	0.3	0	12,129	*	12,129
6700 PLANTS	2	0.9	0	36,243	*	36,243
TOTAL	32	16.4	0	1,017,107	*	1,017,107

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KY STATE COLL FRANKFORT OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
3800 FOOD	23	4.5	0	327,787	*	327,787
4000 PEOPLE AS INDIVIDUAL	21	4.3	0	300,064	*	300,064
4100 FAMILY MEMBERS	3	1.7	0	51,561	*	51,561
4300 SOC POLIT ORGANIZ	1	0.1	0	52,815	*	52,815
TOTAL	48	10.6	0	732,226	*	732,226

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0600 TIMBER FORST PRODUCT	1	0.0	0	1,503	*	1,503
0800 WILDLIFE AND FISH	1	0.5	0	15,827	*	15,827
1200 VEGETABLES	2	0.6	0	37,585	*	37,585
2200 COTTONSEED	1	0.0	0	1,032	*	1,032
2300 SOYBEANS	3	0.9	0	23,125	*	23,125
2400 PEANUTS	2	0.5	0	34,682	*	34,682
2900 POULTRY	1	0.0	0	61,562	*	61,562
3000 BEEF CATTLE	1	0.7	0	107,816	*	107,816
3100 DAIRY CATTLE	1	0.5	0	160,644	*	160,644
3200 SWINE	1	0.1	0	4,312	*	4,312
3400 OTHER ANIMALS	1	0.5	0	29,960	*	29,960
3800 FOOD	3	0.5	0	31,744	*	31,744
4000 PEOPLE AS INDIVIDUAL	5	0.6	0	62,214	*	62,214
4200 FARM AS BUSINESS	1	0.6	0	38,163	*	38,163
4300 SOC POLIT ORGANIZ	2	0.5	0	98,639	*	98,639
4800 MARKETING SYSTEMS	1	0.7	0	82,352	*	82,352
6800 ANIMALS (VERTEBRATES)	1	0.2	0	13,737	*	13,737
TOTAL	28	7.4	0	804,896	*	804,896

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MD. STATE COL PRINCESS ANN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.3	0	30,590	*	28,154
0800 WILDLIFE AND FISH	3	0.2	0	46,056	*	27,780
2000 FORAGE CROPS	1	0.4	0	45,886	*	42,230
2300 SOYBEANS	6	0.9	0	203,552	*	170,046
2900 POULTRY	1	0.2	0	13,940	*	7,848
3200 SWINE	3	0.5	0	47,750	*	29,477
4000 PEOPLE AS INDIVIDUAL	4	0.7	0	46,661	*	31,434
4100 FAMILY MEMBERS	7	0.3	0	152,790	*	127,817
4200 FARM AS BUSINESS	1	0.1	0	11,669	*	5,578
4300 SOC POLIT ORGANIZ	2	0.0	0	4,726	*	2,290
6700 PLANTS	1	0.1	0	22,821	*	19,775
TOTAL	30	3.7	0	626,442	*	492,429

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALCORN A&M LORHAN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	2	0.6	0	37,761	*	37,761
0200 WATER	1	0.2	0	18,172	*	18,172
0800 WILDLIFE AND FISH	1	0.0	0	4,994	*	4,994
1800 OTHER SMALL GRAINS	1	0.2	0	38,644	*	38,644
1900 PASTURE	1	0.1	0	4,467	*	4,467
2000 FORAGE CROPS	1	0.1	0	4,467	*	4,467
3000 BEEF CATTLE	2	0.4	0	28,916	*	28,916
3200 SWINE	2	0.2	0	19,097	*	19,097
3700 CLOTHING & TEXTILES	2	0.3	0	17,114	*	17,114
3800 FOOD	3	0.3	0	26,838	*	26,838
3900 HOUSING & EQUIP	2	0.8	0	43,144	*	43,144
4000 PEOPLE AS INDIVIDUAL	4	1.6	0	76,143	*	76,143
4300 SOC POLIT ORGANIZ	1	0.4	0	24,675	*	24,675
6500 INVERTEBRATES	1	0.0	0	9,988	*	9,988
6800 ANIMALS (VERTEBRATES)	1	0.0	0	9,988	*	9,988
TOTAL	25	5.1	0	364,406	*	364,406

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
2300 SOYBEANS	1	1.0	0	49,134	*	49,134
3000 BEEF CATTLE	2	1.0	0	17,659	*	17,659
3100 DAIRY CATTLE	2	0.4	0	22,654	*	22,654
3200 SWINE	3	2.3	0	41,773	*	41,773
3300 SHEEP AND WOOL	3	0.9	0	35,465	*	35,465
3400 OTHER ANIMALS	1	0.8	0	1,230	*	1,230
3800 FOOD	6	3.9	0	68,407	*	68,407
4000 PEOPLE AS INDIVIDUAL	8	6.0	0	204,805	*	204,805
4100 FAMILY MEMBERS	4	1.1	0	61,029	*	61,029
TOTAL	30	17.3	0	502,156	*	502,156

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - AG TECH NC. GREENSBORO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	5	1.7	0	216,052	*	216,052
0200 WATER	3	0.7	0	44,690	*	44,690
0500 RECREATION RESOURCES	2	0.6	0	34,732	*	34,732
0800 WILDLIFE AND FISH	2	0.3	0	15,829	*	15,829
2600 TOBACCO	2	0.2	0	33,230	*	33,230
3000 BEEF CATTLE	2	1.0	0	240,681	*	240,681
3100 DAIRY CATTLE	1	0.5	0	82,543	*	82,543
3200 SWINE	2	0.5	0	37,183	*	37,183
3400 OTHER ANIMALS	1	0.3	0	22,736	*	22,736
3700 CLOTHING & TEXTILES	2	0.6	0	46,463	*	46,463
3800 FOOD	1	0.1	0	8,430	*	8,430
3900 HOUSING & EQUIP	1	0.4	0	46,875	*	46,875
4000 PEOPLE AS INDIVIDUAL	3	0.9	0	52,100	*	52,100
4100 FAMILY MEMBERS	1	0.1	0	2,235	*	2,235
4600 FARM COOPERATIVES	1	0.6	0	45,488	*	45,488
TOTAL	25	8.4	0	929,267	*	929,267

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW YORK YONKERS OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
2100 COTTON	1	0.0	0	29,585	*	103
TOTAL	1	0.0	0	29,585	*	103

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LANGSTON UNIV LANGSTON OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	5	1.8	0	75,030	*	75,030
0200 WATER	4	0.8	0	35,933	*	35,933
0300 WATERSHEDS RIVER BAS	3	1.5	0	62,383	*	62,383
0500 RECREATION RESOURCES	1	0.2	0	8,116	*	8,116
1800 OTHER SMALL GRAINS	1	0.3	0	13,476	*	13,476
2100 COTTON	6	5.2	0	221,550	*	221,550
2400 PEANUTS	1	1.8	0	79,386	*	79,386
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	1,295	*	1,295
TOTAL	22	11.6	0	497,169	*	497,169

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PENNSYLVANIA KENNETT SQUARE OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
3000 BEEF CATTLE	1	0.0	0	54,210	*	47,005
TOTAL	1	0.0	0	54,210	*	47,005

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SC STATE CCLL ORANGEBURG OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.6	0	11,186	*	11,186
0200 WATER	2	0.6	0	33,022	*	33,022
0800 WILDLIFE AND FISH	2	0.6	0	16,994	*	16,994
1200 VEGETABLES	2	1.0	0	12,890	*	12,890
1500 GRAIN SORGHUM	1	0.0	0	2,507	*	2,507
2300 SOYBEANS	4	1.9	0	42,780	*	42,780
2400 PEANUTS	1	0.0	0	2,507	*	2,507
3800 FOOD	3	1.5	0	41,893	*	41,893
4000 PEOPLE AS INDIVIDUAL	5	1.2	0	87,911	*	87,911
4100 FAMILY MEMBERS	1	0.2	0	2,877	*	2,877
4300 SOC POLIT ORGANIZ	1	0.0	0	2,521	*	2,521
4600 FARM COOPERATIVES	1	0.0	0	692	*	692
6700 PLANTS	1	0.3	0	16,840	*	16,840
TOTAL	25	7.8	0	274,619	*	274,619

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - TENN A&M IND NASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.5	0	27,500	*	27,500
0200 WATER	2	0.5	0	27,890	*	27,890
1300 ORNAMENTALS TURF	2	0.4	0	42,466	*	42,466
1800 OTHER SMALL GRAINS	1	0.2	0	4,180	*	4,180
2000 FORAGE CROPS	2	0.0	0	4,787	*	4,787
2900 POULTRY	2	0.8	0	64,469	*	64,469
3000 BEEF CATTLE	3	0.5	0	74,600	*	74,600
3200 SWINE	2	0.0	0	9,574	*	9,574
3400 OTHER ANIMALS	1	0.2	0	13,464	*	13,464
3800 FOOD	1	0.1	0	35,000	*	35,000
3900 HOUSING & EQUIP	1	0.1	0	7,000	*	7,000
4000 PEOPLE AS INDIVIDUAL	10	1.0	0	151,867	*	151,867
4100 FAMILY MEMBERS	10	0.6	0	134,826	*	134,826
4200 FARM AS BUSINESS	3	0.3	0	14,060	*	14,060
4300 SOC POLIT ORGANIZ	5	1.4	0	96,708	*	96,708
4400 AGRIC ECONOMY U S	1	0.1	0	17,131	*	17,131
4800 MARKETING SYSTEMS	1	0.1	0	14,000	*	14,000
6300 BIO CELL SYSTEMS	1	0.3	0	13,284	*	13,284
TOTAL	49	6.9	0	752,806	*	752,806

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PRAIRIE VW A&M PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	4	0.5	0	81,245	*	81,245
1000 FRUIT NUTS DECIDUOUS	1	0.1	0	34,471	*	34,471
1200 VEGETABLES	2	0.5	0	42,609	*	42,609
1700 WHEAT	1	0.0	0	8,496	*	8,496
1800 OTHER SMALL GRAINS	1	0.1	0	57,540	*	57,540
2000 FORAGE CROPS	2	0.0	0	14,218	*	14,218
2400 PEANUTS	1	0.0	0	8,496	*	8,496
2500 OTHER OILSEED CROPS	1	0.0	0	8,496	*	8,496
2900 POULTRY	2	0.1	0	31,506	*	31,506
3000 BEEF CATTLE	1	0.0	0	33,347	*	33,347
3200 SWINE	1	0.1	0	57,540	*	57,540
3400 OTHER ANIMALS	1	0.0	0	13,594	*	13,594
3600 FARM SUPP & FACILITS	2	0.0	0	7,260	*	7,260
3800 FOOD	1	0.3	0	142,546	*	142,546
3900 HOUSING & EQUIP	1	0.3	0	21,166	*	21,166
4000 PEOPLE AS INDIVIDUAL	7	1.2	0	303,973	*	303,973
4100 FAMILY MEMBERS	2	0.3	0	3,591	*	3,591
4300 SOC POLIT ORGANIZ	6	0.1	0	42,829	*	42,829
4600 FARM COOPERATIVES	1	0.2	0	13,012	*	13,012
6700 PLANTS	1	0.0	0	291	*	291
TOTAL	39	3.8	0	926,225	*	926,225

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VA STATE COLL PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0100 SOIL AND LAND	1	0.7	0	29,589	*	29,589
1200 VEGETABLES	4	4.3	0	248,032	*	248,032
2300 SOYBEANS	2	1.2	0	51,953	*	51,953
2400 PEANUTS	1	0.3	0	25,212	*	25,212
2900 POULTRY	1	1.0	0	59,239	*	59,239
3800 FOOD	3	1.0	0	69,687	*	69,687
3900 HOUSING & EQUIP	1	1.5	0	24,847	*	24,847
4000 PEOPLE AS INDIVIDUAL	2	1.0	0	55,262	*	55,262
6700 PLANTS	1	0.7	0	29,589	*	29,589
TOTAL	16	11.7	0	593,410	*	593,410

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - UTAH PROVO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
0600 TIMBER FORST PRODUCT	1	0.2	0	23,678	*	0
TOTAL	1	0.2	0	23,678	*	0

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY AGENCY				-NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO OF PROJ	SCIENTIST YEARS 1977	BEG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
AGRICULTURAL RESEARCH SER	2495	3066.0	276,385,111	292,956,442	69.0	4,333,121
COOPERATIVE STATE RES SER	277	0.0	21,903,036	21,903,036	0.0	21,903,036
ECONOMIC RESEARCH SERVICE	253	458.3	27,418,114	28,054,686	1.2	179,150
FARM COOPERATIVE SERVICE	36	21.1	940,935	945,109	0.0	0
U S FOREST SERVICE	240	951.5	86,332,400	92,413,300	0.0	0
TOTAL	3301	4496.9	412,979,596	436,272,573	70.2	26,415,307

TABLE II-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	(INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS 1977	AMOUNT 1977
CONNECTICUT	NEW HAVEN	51	39.1	515,976	1,883,237	*	0
CONNECTICUT	STORRS	70	33.1	608,702	2,698,421	*	44,317
DIST OF COLUM	WASHINGTON	3	0.6	120,529	120,529	*	0
DELAWARE	NEWARK	62	22.4	784,997	2,150,080	*	17,632
MASSACHUSETTS	AMHERST	96	37.4	1,349,026	3,081,367	*	86,892
MARYLAND	COLLEGE PA	191	72.6	1,457,782	5,265,062	*	47,111
MAINE	ORONO	127	63.1	1,256,967	4,115,623	*	123,137
NEW HAMPSHIRE	DURHAM	51	27.9	1,026,692	1,800,792	*	25,154
NEW JERSEY	NEW BRUNSW	257	108.9	1,549,371	8,959,403	*	215,485
NEW YORK	ITHACA	617	244.5	2,547,711	21,236,211	*	398,613
NEW YORK	GENEVA	150	69.2	491,021	4,227,373	*	212,909
PENNSYLVANIA	COLLEGE PA	298	137.1	3,503,769	10,333,815	*	276,697
RHODE ISLAND	KINGSTON	70	38.4	733,633	2,080,171	*	43,000
VERMONT	BURLINGTON	86	27.8	825,967	1,855,034	*	101,981
WEST VIRGINIA	MORGANTOWN	85	38.5	1,703,354	3,476,201	*	28,699
SUBTOTAL - SAES		2224	960.6	18,485,497	73,282,319	*	1,621,627
DEL STATE COL	DOVER	7	2.1	0	314,397	*	314,397
MD. STATE COL	PRINCESS A	22	3.7	0	626,442	*	492,429
NEW YORK	YONKERS	1	0.0	0	29,585	*	103
PENNSYLVANIA	KENNETT SQ	1	0.0	0	54,210	*	47,005
SUBTOTAL - OCI		31	5.8	0	1,024,634	*	853,934
FORESTRY SCH	SYRACUSE	56	33.7	136,846	1,696,017	*	115,710
FORESTRY SCH	BURLINGTON	8	3.1	110,080	264,284	*	0
SUBTOTAL - FRSTY SCH		64	36.8	246,926	1,960,301	*	115,710
TOTAL		2319	1003.2	18,732,423	76,267,254	*	2,591,271

TABLE II-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION				-SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)			
		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAES AMOUNT 1977
ALABAMA	AUBURN	217	155.7	2,726,842	13,029,458	*	297,046
ARKANSAS	PAYETTEVIL	265	97.0	2,138,534	10,654,259	*	182,449
FLORIDA	GAINESVILLE	585	368.4	1,785,177	28,151,576	*	968,620
GEORGIA	ATHENS	340	187.5	2,889,009	15,529,315	*	193,011
KENTUCKY	LEXINGTON	187	101.1	2,825,741	8,092,700	*	112,175
LOUISIANA	BATON ROUG	456	239.6	1,991,254	15,137,260	*	272,331
MISSISSIPPI	STATE COLL	258	147.9	2,608,247	13,095,779	*	486,560
NORTH CAROLINA	RALEIGH	522	203.5	3,971,819	23,745,612	*	422,420
OKLAHOMA	STILLWATER	237	99.6	1,840,255	9,154,047	*	225,550
PUERTO RICO	RIO PIEDRA	107	103.4	2,533,495	7,902,505	*	32,229
SOUTH CAROLINA	CLEMSON	290	97.8	1,990,088	9,073,887	*	174,846
TENNESSEE	KNOXVILLE	223	101.0	2,875,009	8,956,603	*	0
TEXAS	COLLEGE ST	514	272.6	3,352,586	25,662,720	*	1,006,786
VIRGINIA	BLACKSBURG	229	162.3	2,575,542	13,300,462	*	419,561
VIRGIN ISLANDS	ST. THOMAS	8	4.5	156,430	193,069	*	0
SUBTOTAL - SAES		4438	2311.9	36,261,028	201,679,252	*	4,793,584
ALA TUSKEGEE	TUSKEGEE	56	9.6	0	611,311	*	611,311
ALA A&M	NORMAL	19	8.6	0	845,662	*	845,662
ARK A & M	PINE BLUFF	26	8.3	0	627,830	*	627,830
FLORIDA A&M	TALLAHASSEE	13	13.5	0	491,761	*	491,761
FT. VALLEY COL	PORT VALLE	28	16.4	0	1,017,107	*	1,017,107
KY STATE COLL	FRANKFORT	31	10.6	0	732,226	*	732,226
SOUTHERN UNIV	BATON ROUG	25	7.4	0	804,896	*	804,896
ALCORN A&M	LORMAN	17	3.1	0	364,406	*	364,406
AG TECH NC.	GREENSBORO	28	8.4	0	929,267	*	929,267
LANGSTON UNIV	LANGSTON	18	11.6	0	497,169	*	497,169
SC STATE COLL	ORANGEBURG	18	7.8	0	274,619	*	274,619
TENN A&M IND	NASHVILLE	29	6.9	0	752,806	*	752,806
PRAIRIE VW A&M	PRAIRIE VI	25	3.8	0	926,225	*	926,225
VA STATE COLL	PETERSBURG	11	11.7	0	593,410	*	593,410
SUBTOTAL - OCI		344	129.7	0	9,468,695	*	9,468,695
FORESTRY SCH	RUSTON	6	3.6	65,018	172,737	*	0
FORESTRY SCH	CLEMSON	49	12.0	214,820	778,100	*	25,437
FORESTRY SCH	NACOGDOCHE	25	6.7	115,476	556,807	*	1,198
SUBTOTAL - PRSTY SCH		80	22.3	395,314	1,507,644	*	26,635
TOTAL		4862	2463.9	36,656,342	212,655,591	*	14,288,914

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	-SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS AMOUNT 1977
ALASKA	FAIRBANKS	21	10.3	569,731	1,626,337	0
ILLINOIS	URBANA	306	163.7	2,969,398	12,099,761	174,350
INDIANA	LAFAYETTE	335	176.5	2,711,613	15,964,957	447,313
IOWA	AMES	317	116.6	3,053,584	15,789,101	847,808
KANSAS	MANHATTAN	565	185.6	1,874,910	14,700,960	185,162
MICHIGAN	LANSING	433	168.3	2,716,801	16,229,043	1,062,412
MINNESOTA	ST PAUL	309	168.0	2,814,200	18,631,451	305,753
MISSOURI	COLUMBIA	180	116.7	2,658,041	11,530,058	675,011
NORTH DAKOTA	FARGO	266	115.7	1,347,829	8,732,306	277,548
NEBRASKA	LINCOLN	223	144.2	1,841,231	18,666,295	1,355,363
OHIO	WOOSTER	335	117.8	3,267,878	15,563,187	364,272
SOUTH DAKOTA	BROOKINGS	175	81.8	1,368,605	6,519,777	114,027
WISCONSIN	MADISON	497	161.2	2,861,862	17,365,635	222,740
SUBTOTAL - SAES		3962	1726.4	30,055,683	173,418,868	6,031,759
LINCOLN UNIV	JEFFERSON	20	17.3	0	502,156	502,156
SUBTOTAL - OCI		20	17.3	0	502,156	502,156
FORESTRY SCH	FAIRBANKS	5	1.0	135,628	135,628	0
FORESTRY SCH	CARBONDALE	30	4.3	73,633	373,064	55,620
FORESTRY SCH	ANN ARBOR	47	5.3	94,942	313,820	18,000
FORESTRY SCH	HOUGHTON	33	13.9	58,050	860,453	0
SUBTOTAL - FRSTY SCH		115	24.5	362,253	1,682,965	73,620
TOTAL		4097	1766.2	30,417,936	175,603,989	6,607,535

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	-SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH SAES SYS AMOUNT 1977
ARIZONA	TUCSON	245	124.5	1,133,014	8,941,958	352,680
CALIFORNIA	BERKELEY	1077	548.4	3,079,630	55,407,488	1,518,747
COLORADO	FT COLLINS	157	160.4	1,398,328	18,867,321	73,466
GUAM	AGANA	9	1.8	479,601	479,601	0
HAWAII	HONOLULU	203	95.1	818,176	6,829,838	463,966
IDAHO	MOSCOW	148	76.4	1,163,532	6,498,687	296,514
MONTANA	BOZEMAN	170	65.3	1,140,625	7,446,235	216,628
NEVADA	RENO	86	34.7	721,677	2,905,339	104,325
NEW MEXICO	UNIV PARK	133	80.9	1,009,991	3,647,540	65,500
OREGON	CORVALLIS	330	134.4	1,547,408	13,028,212	217,961
UTAH	LOGAN	143	61.4	1,079,291	5,067,266	192,683
WASHINGTON	PULLMAN	332	127.4	2,032,556	13,839,139	300,848
WYOMING	LARAMIE	94	47.1	951,845	2,890,355	71,459
SUBTOTAL - SAES		3127	1557.8	16,561,674	145,849,080	3,874,777
COLORADO	BOULDER	1	0.1	0	217,217	11,254
UTAH	PROVO	1	0.2	0	23,878	0
SUBTOTAL - OCI		2	0.3	0	241,095	11,254
FORESTRY SCH	FLAGSTAFF	10	3.2	44,165	110,265	0
FORESTRY SCH	ARCATA	8	0.6	24,708	59,269	0
FORESTRY SCH	FT COLLINS	20	3.7	152,103	346,536	2,476
FORESTRY SCH	MOSCOW	96	25.6	193,397	2,379,256	304,156
FORESTRY SCH	HISSEOLA	16	4.5	162,533	668,230	0
FORESTRY SCH	CORVALLIS	111	42.1	289,124	3,113,078	128,922
FORESTRY SCH	SEATTLE	29	45.5	162,498	4,560,878	219,122
SUBTOTAL - FRSTY SCH		230	125.2	1,028,528	11,237,512	654,676
TOTAL		3419	1683.3	17,590,202	157,327,687	4,540,707

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	I.H.SUPPORT SYS	STAFF YEARS			REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA	OTHER FED	NON- FED	TOTAL
			PROF	TECH	OTHER								APPR	FUND	FUND	
0100 SOIL AND LAND	223	166.1	4.5	3.7	289.7	13263	1279	0	0	0	48	0	14590	1401	28	16018
0200 WATER	214	152.9	1.9	2.3	293.9	12641	158	0	0	0	50	0	12849	2150	189	15188
0300 WATERSHEDS RIVER BAS	108	169.8	8.4	60.5	229.4	15495	117	24	0	0	810	0	16446	2888	13	19347
0400 AIR AND CLIMATE	24	19.6	0.3	3.8	18.9	1494	18	0	0	0	28	0	1540	101	0	1641
0500 RECREATION RESOURCES	18	24.7	6.8	8.5	10.0	2722	236	0	0	0	609	0	3567	146	0	3713
0600 TIMBER FORST PRODUCT	247	728.7	116.9	455.0	253.2	61060	1154	0	0	0	4450	0	66664	3992	80	70736
0700 RANGE	86	72.5	5.4	10.7	109.2	6846	325	0	0	0	213	0	7384	292	13	7690
0800 WILDLIFE AND FISH	46	58.6	5.1	28.4	20.9	4157	436	0	0	0	370	0	4963	415	0	5377
0900 CITRUS SUB TROP FRUIT	92	89.0	0.0	0.0	216.0	8150	226	7	0	0	0	0	8382	249	96	8727
1000 FRUIT NUTS DECIDUOUS	178	139.5	0.0	0.0	255.9	11080	424	82	0	0	0	0	11585	238	65	11889
1100 POTATOES	64	55.6	0.0	0.0	80.0	3752	275	90	0	0	0	0	4116	88	18	4222
1200 VEGETABLES	232	144.2	0.0	0.0	237.2	10404	1415	192	0	0	0	0	12012	227	40	12280
1300 ORNAMENTALS TURF	59	37.3	0.0	0.0	140.1	4138	281	0	0	0	0	0	4418	217	49	4684
1400 CORN	205	127.7	0.0	0.0	194.2	9085	333	0	0	0	0	0	9419	182	7	9608
1500 GRAIN SORGHUM	110	30.2	0.0	0.0	38.6	1977	126	0	0	0	0	0	2104	133	9	2245
1600 RICE	73	28.6	0.0	0.0	36.9	2083	28	24	0	0	0	0	2135	60	11	2205
1700 WHEAT	180	128.4	0.0	0.0	202.9	9502	414	24	0	0	0	0	9940	160	5	10105
1800 OTHER SMALL GRAINS	113	41.8	0.0	0.0	62.9	3036	918	0	0	0	0	0	3954	119	0	4073
1900 PASTURE	24	10.8	0.0	0.0	16.9	912	121	0	0	0	0	0	1033	28	3	1064
2000 FORAGE CROPS	158	101.7	0.0	0.0	164.1	8056	467	29	0	0	0	0	8552	207	1	8760
2100 COTTON	216	266.8	0.0	0.0	583.6	22380	427	56	0	0	0	0	22863	161	75	23099
2200 COTTONSEED	38	30.5	0.0	0.0	57.5	2287	1	0	0	0	0	0	2288	0	9	2297
2300 SOYBEANS	174	118.9	0.0	0.0	203.2	8855	1834	31	0	0	0	0	10720	151	7	10877
2400 PEANUTS	80	42.2	0.0	0.0	65.0	3038	242	24	0	0	0	0	3304	127	0	3431
2500 OTHER OILSEED CROPS	33	20.4	0.0	0.0	38.2	1625	0	0	0	0	0	0	1625	1	0	1627
2600 TOBACCO	62	58.6	0.0	0.0	115.5	4118	738	146	0	0	0	0	5001	191	21	5214
2700 SUGAR CROPS	67	53.3	0.0	0.0	152.7	5025	67	196	0	0	0	0	5288	43	60	5391
2800 MISC NEW CROPS	43	39.4	0.0	0.0	70.8	2466	84	105	0	0	0	0	2655	508	3	3166
2900 POULTRY	156	105.2	0.0	0.0	311.8	10876	388	0	0	0	0	0	11263	298	7	11568
3000 BEEF CATTLE	262	199.6	0.0	0.0	543.6	22424	1328	33	0	0	0	0	23785	343	3	24131
3100 DAIRY CATTLE	210	139.5	0.0	0.0	460.4	15907	1290	72	0	0	0	0	17269	297	0	17567
3200 SWINE	155	84.5	0.0	0.0	279.3	10706	993	0	0	0	0	0	11699	367	1	12068
3300 SHEEP AND WOOL	108	58.8	0.0	0.0	156.4	7765	107	40	0	0	0	0	7912	41	1	7954
3400 OTHER ANIMALS	46	17.7	0.0	0.0	68.2	2386	56	5	0	0	0	0	2447	13	1	2461
3500 BEES AND HONEY	29	33.9	0.0	0.0	58.4	2486	68	14	0	0	0	0	2568	26	0	2594
3600 FARM SUPP & FACILITS	17	29.1	0.0	0.0	17.0	1488	264	0	0	0	0	25	1778	0	0	1778
3700 CLOTHING & TEXTILES	4	5.0	0.0	0.0	3.8	224	34	0	0	0	0	0	258	0	0	258
3800 FOOD	93	185.4	0.0	0.0	184.8	9616	394	2960	0	0	0	81	13051	3033	22	16107
3900 HOUSING & EQUIP	56	34.4	2.6	8.7	45.9	2623	0	0	0	0	54	0	2677	1605	0	4282
4000 PEOPLE AS INDIVIDUAL	100	74.6	0.0	0.0	169.0	6933	2625	101	0	0	0	0	9659	342	17	10018
4100 FAMILY MEMBERS	27	14.8	0.0	0.5	14.1	1013	1724	0	0	0	0	0	2737	0	0	2737
4200 FARM AS BUSINESS	8	19.6	0.0	0.0	7.1	1890	117	0	0	0	0	0	2007	0	0	2007
4300 SOC POLIT ORGANIZ	34	29.3	1.0	2.0	13.1	1631	583	0	0	0	5	0	2219	198	0	2417
4400 AGRIC ECONOMY U S	15	35.9	0.0	0.0	35.6	3560	67	8	0	0	0	0	3635	45	15	3695
4500 AGRIC ECONOMY FORGN	24	50.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	3882	3	0	3885
4600 FARM COOPERATIVES	36	21.1	0.0	0.0	0.0	885	0	56	0	0	0	0	941	0	0	941
4700 OTH MARKET PROCESS	8	3.2	0.0	0.0	2.9	213	0	0	0	0	0	0	213	115	0	328
4800 MARKETING SYSTEMS	11	21.8	0.0	0.0	13.1	1292	210	0	0	0	0	0	1502	0	0	1502
6100 WEEDS	31	14.9	0.0	0.0	25.6	1161	262	0	0	0	0	0	1423	28	9	1459
6200 SEED RESEARCH	11	5.7	0.0	0.0	17.0	536	0	0	0	0	0	0	536	0	0	536
6300 BIO CELL SYSTEMS	14	5.8	0.0	0.0	8.2	429	36	25	0	0	0	0	489	0	0	489
6400 EXP DESIGN/STAT METH	4	2.9	0.0	0.0	1.5	149	225	0	0	0	0	0	374	0	0	374
6500 INVERTEBRATES	62	117.1	0.0	0.0	206.8	9390	119	0	0	0	0	0	9509	337	0	9846
6600 MICROORGANISMS,VIRUS	38	14.4	0.0	0.0	36.5	1324	86	0	0	0	0	0	1410	59	0	1469
6700 PLANTS	204	159.0	0.0	0.0	280.4	12559	3079	191	0	0	0	0	15829	685	15	16530
6800 ANIMALS (VERTEBRATES)	60	17.6	0.0	0.0	29.8	1631	153	1	0	0	0	0	1786	41	0	1827
7000 RSCH EQUIP & TECHNOL	14	7.0	0.0	0.0	15.8	609	63	0	0	0	0	0	672	42	0	714
9900 UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	52	0	0	52
TOTAL	5005	4496.9	153.8	584.1	7203.9	375288	26415	4533	0	0	6637	106	412979	22394	895	436267

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	I.H. SUPPORT PROF	TECH	YEARS OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	7	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	0	0	234	0	0	234
102 SOIL PLNT WTR NUTRI	106	80.8	0.4	1.2	176.8	6807	327	0	0	0	0	10	0	0	7143	678	25	7847
103 MGMT OF SALINE SOIL	19	22.6	0.0	0.0	50.1	1961	140	0	0	0	0	0	0	0	2101	282	3	2386
104 ALTERN USE OF LAND	17	23.7	0.0	0.0	8.7	1062	20	0	0	0	0	0	0	0	1082	137	0	1218
105 CONSERV USE OF WATE	64	57.1	0.4	0.5	105.9	4648	14	0	0	0	0	12	0	0	4674	1052	143	5869
106 DRAIN AND IRRIGATIO	41	35.6	0.0	0.0	77.4	3146	32	0	0	0	0	0	0	0	3178	347	0	3524
107 WATERSHED PROT & MG	129	194.3	7.1	59.8	285.3	17558	178	24	0	0	0	642	0	0	18401	3206	20	21628
108 ECON LEG PROB OF WA	5	5.6	0.0	0.8	3.4	393	0	0	0	0	0	12	0	0	406	7	0	412
109 WEATHER ADAPT & MOD	10	4.0	0.0	0.0	7.6	385	28	0	0	0	0	0	0	0	413	37	0	450
110 APPRAIS FORST & RAN	12	57.6	45.9	33.7	19.7	7078	0	0	0	0	0	284	0	0	7362	145	0	7507
111 BIOL CULT MGMT FORS	68	183.9	18.2	128.8	46.3	13760	107	0	0	0	0	672	0	0	14539	999	0	15538
112 IMPROV RANGE RESOR	57	42.0	1.6	5.8	76.4	4096	291	0	0	0	0	37	0	0	4424	120	0	4544
113 REMOTE SENSING	8	5.0	0.0	0.0	15.5	611	26	0	0	0	0	0	0	0	638	35	0	673
SUBTOTAL	543	712.1	73.7	230.6	873.2	61505	1398	24	0	0	0	1669	0	0	64594	7046	191	71831
SERIES 200																		
201 CNTRL FORST INSECTS	68	116.8	12.1	74.4	46.1	10178	946	0	0	0	0	1206	0	0	12331	1278	0	13608
202 CONTROL FOREST DIS	24	58.7	7.9	40.6	17.0	4863	50	0	0	0	0	115	0	0	5028	164	0	5192
203 FOREST FIRE PROTECT	20	70.3	10.5	33.4	17.6	6026	0	0	0	0	0	773	0	0	6799	340	0	7138
204 CNTR PESTS FRT & VEG	100	69.1	0.0	0.0	193.3	6667	383	0	0	0	0	0	0	0	7050	169	16	7235
205 CNTR DISE FRT & VEG	118	58.9	0.0	0.0	128.9	4945	520	23	0	0	0	0	0	0	5488	22	9	5518
206 CNTR WEEDS FRT & VEG	29	8.0	0.0	0.0	17.1	751	364	0	0	0	0	0	0	0	1114	0	0	1114
207 CNTR PESTS FLD CROP	205	154.4	0.0	0.0	374.4	14030	637	0	0	0	0	0	0	0	14668	236	71	14975
208 CNTR DIS FIELD CROP	219	136.7	0.0	0.0	248.6	10923	690	202	0	0	0	0	0	0	11816	38	24	11877
209 CNTR WEEDS FLD CROP	89	51.7	0.0	0.0	80.3	4203	367	9	0	0	0	0	0	0	4580	37	10	4627
210 CNTR PESTS ANIMALS	25	33.8	0.0	0.0	95.9	3533	43	23	0	0	0	0	0	0	3599	6	0	3605
211 CNTR DIS ANIMALS	146	145.3	0.0	0.0	774.0	23561	936	29	0	0	0	0	0	0	24527	505	0	25032
212 CNTR INTER PARASITE	27	35.5	0.0	0.0	133.6	4495	23	0	0	0	0	0	0	0	4518	57	0	4575
213 PROT ANMLS FROM TOX	32	29.4	0.0	0.0	85.8	3904	10	41	0	0	0	0	0	0	3954	56	0	4010
214 PROTECT FROM POLLUT	24	16.6	1.4	6.3	16.7	2196	278	0	0	0	0	145	0	0	2619	154	0	2773
SUBTOTAL	1126	985.3	31.8	154.6	2229.1	100275	5247	327	0	0	0	2239	0	0	108089	3061	130	111280
SERIES 300																		
301 GENET BREED FORST T	12	35.4	1.5	39.8	11.2	3261	0	0	0	0	0	25	0	0	3286	92	0	3377
302 IMP FOREST ENG SYS	6	14.1	5.5	8.9	6.6	1534	0	0	0	0	0	330	0	0	1864	311	0	2175
303 ECON TIMBER PRODUCT	5	10.9	0.4	0.0	3.9	692	0	0	0	0	0	29	0	0	722	21	0	743
304 IMP BIO EFF FRT & V	106	61.3	0.0	0.0	140.5	4837	742	306	0	0	0	0	0	0	5885	115	52	6052
305 MECH PROD FRT & VEG	18	14.9	0.0	0.0	20.5	1024	0	0	0	0	0	0	0	0	1024	20	0	1044
306 PROD MGMT SYS F & V	3	0.8	0.0	0.0	2.9	68	0	0	0	0	0	0	0	0	68	31	0	99
307 IMP BIO EFF FLD CROP	312	178.0	0.0	0.0	356.5	14687	2833	145	0	0	0	0	0	0	17664	769	51	18484
308 MECH PROD FIELD CRO	49	38.8	0.0	0.0	88.5	3464	23	0	0	0	0	0	0	0	3487	315	0	3802
309 PROD MGMT SYS FLD C	14	6.7	0.0	0.0	9.4	587	31	0	0	0	0	0	0	0	617	0	0	617
310 ANIMAL REPRODUCTION	50	35.9	0.0	0.0	83.1	5276	615	57	0	0	0	0	0	0	5948	14	0	5962
311 IMP BIO EFF ANML PR	99	55.7	0.0	0.0	204.9	8649	1498	0	0	0	0	0	0	0	10147	1	0	10149
312 ENV STRESS IN ANML	18	10.6	0.0	0.0	21.8	1168	0	0	0	0	0	0	0	0	1168	17	0	1185
313 PROD MGMT SYS ANML	16	4.3	0.0	0.0	13.5	692	474	0	0	0	0	0	0	0	1166	17	0	1182
314 BEES OTH POLLNTNG I	29	33.9	0.0	0.0	58.4	2486	68	14	0	0	0	0	0	0	2568	26	0	2594
315 IMP STRUC FARM SUPP	28	8.2	0.0	0.0	12.7	526	238	0	0	0	0	0	0	0	764	1223	0	1986
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	0	0	0	77	0	0	77
317 MECH/STRUCTS ANML P	16	3.1	0.0	0.0	11.3	340	0	0	0	0	0	0	0	0	340	471	0	811
318 NON-COM BIO TECH/BI	177	207.4	0.0	0.0	402.2	16831	625	182	0	0	0	0	0	0	17638	936	9	18583
SUBTOTAL	959	719.9	7.4	48.7	1447.7	66122	7224	702	0	0	0	384	0	0	74431	4377	113	78921
SERIES 400																		
401 NEW IMP FOREST PROD	27	113.5	20.4	81.8	18.3	9810	0	0	0	0	0	646	0	0	10456	446	0	10902
402 PROD F & V IMP ACCE	37	10.3	0.0	0.0	27.1	963	196	0	0	0	0	0	0	0	1160	6	2	1168
403 NEW & IMP F&V PROD	44	77.5	0.0	0.0	108.0	5518	0	0	0	0	0	0	0	0	5518	246	26	5790
404 MKT QUAL FRTS & VEG	81	56.1	0.0	0.0	80.6	4084	28	9	0	0	0	0	0	0	4121	101	43	4265
405 PROD FLD CROP IMP A	139	75.7	0.0	0.0	139.2	5982	241	80	0	0	0	0	0	0	6303	48	6	6357
406 NEW IMP FOOD FLD CR	59	110.6	0.0	0.0	169.8	7608	0	0	0	0	0	0	0	0	7608	44	9	7661
407 NEW IMP NON-FOOD PC	53	98.9	0.0	0.0	172.2	6973	0	0	0	0	0	0	0	0	6973	26	0	6999
408 MKT QUAL FIELD CROP	64	51.5	0.0	0.0	92.9	3835	34	25	0	0	0	0	0	0	3893	60	21	3974
409 PROD ANML FR IMP AC	16	8.9	0.0	0.0	24.1	1477	48	0	0	0	0	0	0	0	1525	2	0	1527
410 IMP MEAT MILK EGG P	28	47.0	0.0	0.0	78.5	3302	0	0	0	0	0	0	0	0	3302	29	6	3337
411 IMP NON-FOOD ANML P	18	40.0	0.0	0.0	57.8	2800	0	0	0	0	0	0	0	0	2800	44	0	2844
412 MKT QUAL ANIMAL PRO	17	10.9	0.0	0.0	20.9	856	118	0	0	0	0	0	0	0	973	22	0	995
SUBTOTAL	583	701.0	20.4	81.8	989.4	53207	666	113	0	0	0	646	0	0	54631	1073	114	55818
SERIES 500																		
501 IMP GRADES & STANDS	27	25.3	0.0	0.0	59.1	2622	41	0	0	0	0	0	0	0	2663	117	6	2786
502 MKTG TIMBER PRODUCT	11	35.6	2.2	8.9	10.8	2102	0	0	0	0	0	242	0	0	2343	97	0	2441
503 MKTG EFF AGRI PRODS	87	62.5	0.0	0.0	59.7	3790	443	0	0	0	0	0	0	0	4233	194	16	4443
506 SPLY DEMAND AND PRI	44	87.2	0.0	0.0	58.8	4932	90	0	0	0	0	0	25	0	5047	0	0	5047
507 COMP REL IN AGRIC	9	12.1	0.0	0.0	3.1	483	30	0	0	0	0	0	0	0	513	1	0	514
508 DOMESTIC MKT DEVELP	9	13.7	0.0	0.0	7.6	755	19	0	0	0	0	0	0	0	774	5	0	779
509 PERFORMANCE MKTG SY	46	62.9	0.1	0.0	31.8	3606	172	9	0	0	0	0	0	0	3786	0	18	3804
510 GROUP ACT MKT POWER	37	21.1	0.0	0.0	0.0	885	15	56	0	0	0	0	0	0	956	0	0	956
511 IMP AGRIC STATISTIC	2	3.9	0.0	0.0	2.0	199	106	0	0	0	0	0	0	0	305	0	0	305
512 IMP GRADES FRST PRO	2	10.0	0.5	5.5	3.5	643	0	0	0	0	0	4	0	0	646	19	0	665
513 PRICE ANAL FRST PRO	3	8.6	2.0	0.5	2.9	555	0	0	0	0	0</							

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL		
		SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER	REG HOUSE	IN C	G SAES	CA CN	OTHER CT	SP 015					PD 010	SP SERV
SERIES 800																	
801 RURAL HOUSING	13	14.7	1.0	6.0	12.1	1099	0	0	0	0	0	16	0	1115	253	0	1368
802 INDIV & FAM DEC MAK	12	4.8	0.0	0.0	9.7	348	689	0	0	0	0	0	0	1038	0	0	1038
803 RURAL POVERTY	5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	0	0	374	0	0	374
804 ECON POTENT RURL PE	11	5.6	0.8	0.5	0.5	346	347	0	0	0	0	0	0	693	0	0	693
805 COMMUNICAT RURL PE	8	0.0	0.0	0.0	0.0	0	750	0	0	0	0	0	0	750	0	0	750
806 ADJUSTMENT TO CHANG	13	15.3	0.0	0.0	8.7	1284	232	0	0	0	0	0	0	1516	0	0	1516
807 AGRIC ECONOMIC CHAN	22	44.9	0.0	0.0	37.6	4991	100	8	0	0	0	0	0	5099	11	15	5125
808 GOV'T PROGRAMS	16	26.1	0.0	0.0	13.9	1375	14	0	0	0	0	0	0	1389	45	0	1434
SUBTOTAL	100	111.4	1.8	6.5	82.4	9444	2506	8	0	0	0	16	0	11974	309	15	12298
SERIES 900																	
901 ALLEV POLLUTION	157	157.3	1.6	7.3	297.9	14813	788	0	0	0	0	137	0	15738	1073	82	16893
902 OUTDOOR RECREATION	12	16.2	3.9	3.2	8.1	1312	236	0	0	0	0	267	0	1814	79	0	1892
903 MULTI-USE-FOREST PO	9	18.5	3.6	4.2	5.6	866	0	0	0	0	0	621	0	1488	143	0	1631
904 WLDLFE AND FISH ECO	41	57.0	3.7	27.5	17.0	3970	311	0	0	0	0	371	0	4652	392	0	5044
905 TREES BEAUTIFICATIO	18	13.5	0.2	2.9	50.0	1796	181	0	0	0	0	0	0	1977	38	81	2095
906 ORNAMENT & TURF DEV	55	36.6	0.0	0.0	139.5	4088	141	0	0	0	0	0	0	4229	217	49	4494
907 RURAL INCOME IMP	13	10.7	0.2	2.0	7.0	698	173	0	0	0	0	5	0	877	0	0	877
908 RURAL INSTITUT IMP	24	18.6	0.8	0.0	6.1	933	259	0	0	0	0	0	0	1192	198	0	1390
990 UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0	52	0	0	52
SUBTOTAL	330	369.5	13.9	47.1	531.1	28527	2089	0	0	0	0	1401	0	32017	2140	211	34368
SCIENCE IN SERV OF MAN																	
GRAND TOTAL	4341	4496.9	153.8	584.1	7203.9	375288	26415	4533	0	0	0	6637	106	412979	22394	895	436262

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
AGRICULTURAL RESEARCH SERVICE

TABLE III-B-7 SUMMARY BY			COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS										EXCLUSIVE OF PL-480 AND AID FUNDS			
CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG IN HOUSE	C G CA SAES	OTHER CN GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.H.SUPPORT PROF	TECH	YEARS OTHER											
0100 SOIL AND LAND	167	133.0	*	*	280.2	11177	126	0	0	0	0	0	11303	1186	28	12517
0200 WATER	176	133.2	*	*	287.8	11156	96	0	0	0	0	0	11251	1893	189	13333
0300 WATERSHEDS RIVER BAS	67	72.8	*	*	205.9	7251	44	24	0	0	0	0	7319	1351	13	8683
0400 AIR AND CLIMATE	17	8.7	*	*	15.4	701	18	0	0	0	0	0	719	10	0	729
0600 TIMBER FORST PRODUCT	21	16.6	*	*	57.5	1902	11	0	0	0	0	0	1914	483	80	2477
0700 RANGE	64	49.8	*	*	102.3	4630	59	0	0	0	0	0	4689	140	13	4842
0800 WILDLIFE AND FISH	8	2.1	*	*	6.9	225	0	0	0	0	0	0	225	19	0	244
0900 CITRUS SUB TROP FRUT	78	84.1	*	*	213.4	7881	126	7	0	0	0	0	8014	249	96	8359
1000 FRUIT NUTS DECIDUOUS	160	134.2	*	*	253.0	10794	101	82	0	0	0	0	10978	238	65	11281
1100 POTATOES	51	53.5	*	*	79.0	3641	135	90	0	0	0	0	3866	88	18	3972
1200 VEGETABLES	198	136.0	*	*	233.3	5976	317	192	0	0	0	0	10485	227	40	10753
1300 ORNAMENTALS TURF	54	57.3	*	*	180.1	4336	65	0	0	0	0	0	4201	217	49	4467
1400 CORN	166	120.3	*	*	190.3	8701	109	0	0	0	0	0	8810	180	7	8997
1500 GRAIN SORGHUM	85	27.0	*	*	37.1	1816	0	0	0	0	0	0	1816	131	9	1956
1600 RICE	49	45.4	*	*	35.4	1921	23	24	0	0	0	0	1968	59	11	2037
1700 WHEAT	147	121.5	*	*	199.2	9154	92	24	0	0	0	0	9270	159	5	9433
1800 OTHER SMALL GRAINS	85	39.7	*	*	61.9	2927	10	0	0	0	0	0	2937	118	0	3055
1900 PASTURE	23	10.8	*	*	16.9	912	1	0	0	0	0	0	913	28	3	944
2000 FORAGE CROPS	130	99.6	*	*	163.1	7949	207	29	0	0	0	0	8185	207	1	8394
2100 COTTON	194	250.6	*	*	575.0	21427	67	56	0	0	0	0	21551	161	75	21787
2200 COTTONSEED	36	28.6	*	*	55.8	2165	0	0	0	0	0	0	2165	0	9	2174
2300 SOYBEANS	140	111.3	*	*	198.5	8443	203	31	0	0	0	0	8676	151	7	8834
2400 PEANUTS	69	41.0	*	*	64.4	2971	23	24	0	0	0	0	3018	127	0	3146
2500 OTHER OILSEED CROPS	32	20.1	*	*	38.0	1608	0	0	0	0	0	0	1608	1	0	1609
2600 TOBACCO	62	58.6	*	*	115.5	4118	738	146	0	0	0	0	5001	191	21	5214
2700 SUGAR CROPS	66	53.3	*	*	152.7	5025	49	196	0	0	0	0	5270	43	60	5373
2800 MISC NEW CROPS	41	39.4	*	*	70.8	2466	24	105	0	0	0	0	2595	508	3	3107
2900 POULTRY	132	57.3	*	*	304.2	10440	183	0	0	0	0	0	10623	290	7	10920
3000 BEEF CATTLE	229	186.5	*	*	536.3	21741	219	33	0	0	0	0	21992	315	3	22310
3100 DAIRY CATTLE	186	125.7	*	*	450.6	15152	241	72	0	0	0	0	15464	276	0	15740
3200 SWINE	127	75.5	*	*	274.5	10266	337	0	0	0	0	0	10603	341	1	10945
3300 SHEEP AND WOOL	99	57.1	*	*	155.2	7681	16	40	0	0	0	0	7737	41	1	7780
3400 OTHER ANIMALS	42	17.7	*	*	68.2	2386	7	5	0	0	0	0	2398	13	1	2412
3500 BEES AND HONEY	29	33.9	*	*	58.4	2486	68	14	0	0	0	0	2568	26	0	2594
3600 FARM SUPP & FACILITS	5	3.9	*	*	5.7	291	0	0	0	0	0	0	291	0	0	291
3700 CLOTHING & TEXTILES	4	5.0	*	*	3.8	224	34	0	0	0	0	0	258	0	0	258
3800 FOOD	62	133.4	*	*	160.0	6824	11	2862	0	0	0	0	9697	3029	22	12748
3900 HOUSING & EQUIP	47	20.5	*	*	42.5	1537	0	0	0	0	0	0	1537	1546	0	3083
4000 PEOPLE AS INDIVIDUAL	66	59.3	*	*	160.3	5650	148	101	0	0	0	0	5898	342	17	6257
4100 FAMILY MEMBERS	5	5.3	*	*	12.7	438	0	0	0	0	0	0	438	0	0	438
4700 OTH MARKET PROCESS	7	2.0	*	*	1.3	102	0	0	0	0	0	0	102	115	0	217
4800 MARKETING SYSTEMS	2	0.9	*	*	0.3	47	0	0	0	0	0	0	47	0	0	47
6100 WEEDS	29	14.9	*	*	25.6	1161	31	0	0	0	0	0	1191	28	9	1228
6200 SEED RESEARCH	11	5.7	*	*	17.0	536	0	0	0	0	0	0	536	0	0	536
6300 BIO CELL SYSTEMS	14	5.8	*	*	8.2	429	36	25	0	0	0	0	489	0	0	489
6500 INVERTEBRATES	60	117.1	*	*	206.8	9390	45	0	0	0	0	0	9434	337	0	9771
6600 MICROORGANISMS,VIRUS	36	14.4	*	*	36.5	1324	39	0	0	0	0	0	1363	59	0	1422
6700 PLANTS	139	154.9	*	*	279.0	12403	236	191	0	0	0	0	12830	685	15	13531
6800 ANIMALS (VERTEBRATES)	25	15.1	*	*	29.3	1540	10	1	0	0	0	0	1550	41	0	1592
7000 RSCH EQUIP & TECHNOL	11	6.0	*	*	15.3	559	30	0	0	0	0	0	589	42	0	631
TOTAL	3753	3066.0	*	*	6701.3	267681	4333	4371	0	0	0	0	276384	15691	880	292956

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
AGRICULTURAL RESEARCH SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I. H. SUPPORT SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SARS	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
SERIES 100																
102 SOIL PLNT WTR NUTRI	95	78.8	*	*	176.4	6639	93	0	0	0	0	0	6732	677	25	7435
103 MGMT OF SALINE SOIL	14	22.5	*	*	50.1	1950	39	0	0	0	0	0	1989	255	3	2247
105 CONSERV USE OF WATE	62	56.4	*	*	105.1	4530	5	0	0	0	0	0	4535	1008	143	5685
106 DRAIN AND IRRIGATIO	41	35.6	*	*	77.4	3146	32	0	0	0	0	0	3178	347	0	3524
107 WATERSHED PROT & MG	90	95.5	*	*	264.9	9385	44	24	0	0	0	0	9452	1779	20	11252
109 WEATHER ADAPT & MOD	9	4.0	*	*	7.6	385	0	0	0	0	0	0	385	37	0	422
112 IMPROV RANGE RESOR	46	52.5	*	*	73.5	3112	48	0	0	0	0	0	3160	53	0	3213
113 REMOTE SENSING	7	5.0	*	*	15.5	611	4	0	0	0	0	0	616	35	0	651
SUBTOTAL	364	330.2	*	*	770.6	29758	265	24	0	0	0	0	30047	4191	191	34429
SERIES 200																
201 CONTR FORST INSECTS	9	6.3	*	*	8.5	382	0	0	0	0	0	0	382	467	0	849
204 CONTR PESTS FRT & VE	93	69.1	*	*	193.3	6667	180	0	0	0	0	0	6847	169	16	7031
205 CONTR DISE FRT & VEG	110	58.9	*	*	128.9	4945	275	23	0	0	0	0	5243	22	9	5274
206 CONTR WEEDS FRT & VEG	21	8.0	*	*	17.1	751	22	0	0	0	0	0	773	0	0	773
207 CONTR PESTS FLD CROP	196	154.4	*	*	374.4	14030	259	0	0	0	0	0	14289	236	71	14597
208 CONTR DIS FIELD CROP	209	136.7	*	*	248.6	10923	177	202	0	0	0	0	11303	38	24	11365
209 CONTR WEEDS FLD CROP	82	51.7	*	*	80.3	4203	206	9	0	0	0	0	4418	37	10	4465
210 CONTR PESTS ANIMALS	24	33.8	*	*	95.9	3533	40	23	0	0	0	0	3596	6	0	3602
211 CONTR DIS ANIMALS	141	145.3	*	*	774.0	23561	635	29	0	0	0	0	24226	505	0	24732
212 CONTR INTER PARASITE	27	35.5	*	*	133.6	4495	23	0	0	0	0	0	4518	57	0	4575
213 PROT ANMLS FROM TOX	32	29.4	*	*	85.8	3904	10	41	0	0	0	0	3954	56	0	4010
214 PROTECT FROM POLLUT	11	8.6	*	*	13.7	672	0	0	0	0	0	0	672	92	0	764
SUBTOTAL	955	737.8	*	*	2154.0	78066	1828	327	0	0	0	0	80221	1684	130	82035
SERIES 300																
304 IMP BIO EFF FRT & V	89	61.3	*	*	140.5	4837	43	306	0	0	0	0	5186	115	52	5353
305 MECH PROT FRT & VEG	18	14.9	*	*	20.5	1024	0	0	0	0	0	0	1024	20	0	1044
306 PROD MGMT SYS F & V	3	0.8	*	*	2.9	68	0	0	0	0	0	0	68	31	0	99
307 IMP BIO EFF FLD CROP	283	178.0	*	*	356.5	14687	130	145	0	0	0	0	14961	769	51	15781
308 MECH PROD FIELD CRO	48	38.8	*	*	88.5	3464	0	0	0	0	0	0	3464	315	0	3778
309 PROD MGMT SYS FLD C	10	3.5	*	*	6.5	371	0	0	0	0	0	0	371	0	0	371
310 ANIMAL REPRODUCTION	42	35.9	*	*	83.1	5276	157	57	0	0	0	0	5489	14	0	5504
311 IMP BIO EFF ANML PR	92	55.7	*	*	204.9	8649	72	0	0	0	0	0	8722	1	0	8723
312 ENV STRESS IN ANML	17	9.4	*	*	20.4	1084	0	0	0	0	0	0	1084	17	0	1101
313 PROD MGMT SYS ANML	9	3.1	*	*	13.5	641	3	0	0	0	0	0	644	17	0	661
314 BEES OTH POLLINING I	29	33.9	*	*	58.4	2486	68	14	0	0	0	0	2568	26	0	2594
315 IMP STRUC FARM SUPP	27	8.1	*	*	12.7	526	0	0	0	0	0	0	526	1223	0	1749
317 MECH/STRUCTS ANML P	16	3.1	*	*	11.3	340	0	0	0	0	0	0	340	471	0	811
318 NON-COM BIO TECH/BI	169	207.4	*	*	402.2	16831	210	182	0	0	0	0	17222	936	9	18167
SUBTOTAL	852	653.9	*	*	1421.7	60283	684	702	0	0	0	0	61669	3953	113	65735
SERIES 400																
402 PROD F & V IMP ACCE	35	10.3	*	*	27.1	963	0	0	0	0	0	0	963	6	2	972
403 NEW & IMP F&V PROD	44	77.5	*	*	108.0	5518	0	0	0	0	0	0	5518	246	26	5790
404 MKT QUAL FRTS & VEG	81	56.1	*	*	80.6	4084	28	9	0	0	0	0	4121	101	43	4265
405 PROD FLD CROP IMP A	136	75.7	*	*	139.2	5982	128	80	0	0	0	0	6190	48	6	6243
406 NEW IMP FOOD FLD CR	59	110.6	*	*	169.8	7608	0	0	0	0	0	0	7608	44	9	7661
407 NEW IMP NON-FOOD FC	53	36.9	*	*	172.2	6973	0	0	0	0	0	0	6973	26	0	6999
408 MKT QUAL FIELD CROP	64	51.5	*	*	92.9	3835	34	25	0	0	0	0	3893	60	21	3974
409 PROD ANML PR IMP AC	15	8.9	*	*	24.1	1477	0	0	0	0	0	0	1477	2	0	1479
410 IMP HEAT MILK EGG P	28	47.0	*	*	78.5	3302	0	0	0	0	0	0	3302	29	6	3337
411 IMP NON-FOOD ANML P	18	40.0	*	*	57.8	2800	0	0	0	0	0	0	2800	44	0	2844
412 MKT QUAL ANIMAL PRO	16	10.9	*	*	20.9	856	30	0	0	0	0	0	885	22	0	907
SUBTOTAL	549	587.5	*	*	971.1	43397	220	113	0	0	0	0	43729	627	114	44470
SERIES 500																
501 IMP GRADES & STANDS	24	24.1	*	*	58.9	2566	17	0	0	0	0	0	2584	111	6	2700
503 MKTG EFF AGRI PRODS	65	51.2	*	*	55.6	3247	3	0	0	0	0	0	3251	194	16	3461
506 SPLY DEMAND AND PRI	1	0.2	*	*	0.3	9	0	0	0	0	0	0	9	0	0	9
509 PERFORMANCE MKTG SY	11	5.1	*	*	4.0	290	0	9	0	0	0	0	298	0	18	316
SUBTOTAL	101	80.6	*	*	118.8	6112	21	9	0	0	0	0	6141	305	39	6486
SERIES 600																
603 TECH AID DEV CRTY	16	15.6	*	*	2.2	202	229	106	0	0	0	0	536	288	0	824
604 PRD DVLPMT/MKTG PRG	17	26.9	*	*	40.8	1840	0	0	0	0	0	0	1840	45	58	1943
SUBTOTAL	33	42.5	*	*	43.0	2041	229	106	0	0	0	0	2376	333	58	2767
SERIES 700																
701 TOX RES IN FOOD	33	46.2	*	*	86.8	3851	15	25	0	0	0	0	3891	63	0	3954
702 FOOD PROT FROM TOX	60	90.1	*	*	140.9	6359	62	0	0	0	0	0	6421	65	0	6486
703 FOOD CONSUMP HABITS	9	54.8	*	*	25.9	900	0	2828	0	0	0	0	3728	2300	0	6028
704 HOME COMM FOOD SERV	3	7.3	*	*	11.8	145	0	0	0	0	0	0	145	332	0	478
705 SEL CARE CLOTH & TE	4	5.0	*	*	3.8	224	34	0	0	0	0	0	258	0	0	258
706 CONTR INSECTS AFF M	30	32.1	*	*	89.9	3154	60	28	0	0	0	0	3242	291	17	3550
707 TRANS ANML MAN DI	3	1.4	*	*	1.6	48	14	0	0	0	0	0	63	51	0	114
708 HUMAN NUTRITION	74	98.4	*	*	221.7	8984	125	107	0	0	0	0	9216	490	1	9707
709 REDUCE HAZ HLTH & S	56	83.8	*	*	140.9	5547	603	102	0	0	0	0	6252	26	6	6284
SUBTOTAL	272	419.1	*	*	723.3	29213	913	3090	0	0	0	0	33217	3619	24	36859
SERIES 800																
801 RURAL HOUSING	9	4.0	*	*	9.2	355	0	0	0	0	0	0	355	210	0	566
802 INDIV & FAM DEC MAK	4	4.8	*	*	9.7	348	0	0	0	0	0	0	348	0	0	348
SUBTOTAL	13	8.8	*	*	18.9	704	0	0	0	0	0	0	704	210	0	914
SERIES 900																
901 ALLEV POLLUTION	115	157.9	*	*	288.3	12383	99	0	0	0	0	0	12482	535	82	13099
904 WDLIFE AND FISH ECO	6	0.9	*	*	3.4	112	0	0	0	0	0	0	112	1	0	112
905 TREES BEAUTIFICATION	14	10.3	*	*	48.9	1525	11	0	0	0	0	0	1536	16	81	1633
906 ORNAMENT & TURF DEV	51	36.6	*	*	139.5	4086	65	0	0	0	0	0	4151	217	49	4417
SUBTOTAL	186	205.6	*	*	480.1	18106	175	0	0	0	0	0	18281	768	211	19261
SCIENCE IN SERV OF MAN																
GRAND TOTAL	3325	3066.0	*	*	6701.3	267681	4333	4371	0	0	0	0	276385	15691	880	292956

COOPERATIVE STATE RES SER

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	TOTAL USDA APPE	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	I.H. PROF	SUPPORT YEARS	TECH OTHER																
0100 SOIL AND LAND	24	0.0	0.0	0.0	0.0	0	1153	0	0	0	0	0	0	0	0	0	0	1153	0	0	1153
0200 WATER	3	0.0	0.0	0.0	0.0	0	62	0	0	0	0	0	0	0	0	0	0	62	0	0	62
0300 WATERSHEDS RIVER BAS	2	0.0	0.0	0.0	0.0	0	73	0	0	0	0	0	0	0	0	0	0	73	0	0	73
0500 RECREATION RESOURCES	1	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	0	0	0	0	0	236	0	0	236
0600 TIMBER FORST PRODUCT	31	0.0	0.0	0.0	0.0	0	1143	0	0	0	0	0	0	0	0	0	0	1143	0	0	1143
0700 RANGE	6	0.0	0.0	0.0	0.0	0	266	0	0	0	0	0	0	0	0	0	0	266	0	0	266
0800 WILDLIFE AND FISH	8	0.0	0.0	0.0	0.0	0	436	0	0	0	0	0	0	0	0	0	0	436	0	0	436
0900 CITRUS SUB TROP FRUT	2	0.0	0.0	0.0	0.0	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0	100
1000 FRUIT NUTS DECIDUOUS	6	0.0	0.0	0.0	0.0	0	323	0	0	0	0	0	0	0	0	0	0	323	0	0	323
1100 POTATOES	3	0.0	0.0	0.0	0.0	0	139	0	0	0	0	0	0	0	0	0	0	139	0	0	139
1200 VEGETABLES	22	0.0	0.0	0.0	0.0	0	1098	0	0	0	0	0	0	0	0	0	0	1098	0	0	1098
1300 ORNAMENTALS TURF	4	0.0	0.0	0.0	0.0	0	216	0	0	0	0	0	0	0	0	0	0	216	0	0	216
1400 CORN	7	0.0	0.0	0.0	0.0	0	217	0	0	0	0	0	0	0	0	0	0	217	0	0	217
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	123	0	0	0	0	0	0	0	0	0	0	123	0	0	123
1600 RICE	1	0.0	0.0	0.0	0.0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	5
1700 WHEAT	6	0.0	0.0	0.0	0.0	0	318	0	0	0	0	0	0	0	0	0	0	318	0	0	318
1800 OTHER SMALL GRAINS	5	0.0	0.0	0.0	0.0	0	908	0	0	0	0	0	0	0	0	0	0	908	0	0	908
1900 PASTURE	1	0.0	0.0	0.0	0.0	0	120	0	0	0	0	0	0	0	0	0	0	120	0	0	120
2000 FORAGE CROPS	6	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	0	0	0	0	0	259	0	0	259
2100 COTTON	6	0.0	0.0	0.0	0.0	0	360	0	0	0	0	0	0	0	0	0	0	360	0	0	360
2200 COTTONSEED	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1
2300 SOYBEANS	17	0.0	0.0	0.0	0.0	0	1632	0	0	0	0	0	0	0	0	0	0	1632	0	0	1632
2400 PEANUTS	6	0.0	0.0	0.0	0.0	0	219	0	0	0	0	0	0	0	0	0	0	219	0	0	219
2700 SUGAR CROPS	1	0.0	0.0	0.0	0.0	0	18	0	0	0	0	0	0	0	0	0	0	18	0	0	18
2800 MISC NEW CROPS	2	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	0	0	0	0	60	0	0	60
2900 POULTRY	3	0.0	0.0	0.0	0.0	0	166	0	0	0	0	0	0	0	0	0	0	166	0	0	166
3000 BEEF CATTLE	12	0.0	0.0	0.0	0.0	0	1091	0	0	0	0	0	0	0	0	0	0	1091	0	0	1091
3100 DAIRY CATTLE	7	0.0	0.0	0.0	0.0	0	1042	0	0	0	0	0	0	0	0	0	0	1042	0	0	1042
3200 SWINE	9	0.0	0.0	0.0	0.0	0	639	0	0	0	0	0	0	0	0	0	0	639	0	0	639
3300 SHEEP AND WOOL	2	0.0	0.0	0.0	0.0	0	85	0	0	0	0	0	0	0	0	0	0	85	0	0	85
3400 OTHER ANIMALS	4	0.0	0.0	0.0	0.0	0	49	0	0	0	0	0	0	0	0	0	0	49	0	0	49
3600 FARM SUPP & FACILITS	2	0.0	0.0	0.0	0.0	0	258	0	0	0	0	0	0	0	0	0	0	258	0	0	258
3800 FOOD	13	0.0	0.0	0.0	0.0	0	383	0	0	0	0	0	0	0	0	0	0	383	0	0	383
4000 PEOPLE AS INDIVIDUAL	27	0.0	0.0	0.0	0.0	0	2478	0	0	0	0	0	0	0	0	0	0	2478	0	0	2478
4100 FAMILY MEMBERS	17	0.0	0.0	0.0	0.0	0	1724	0	0	0	0	0	0	0	0	0	0	1724	0	0	1724
4200 FARM AS BUSINESS	2	0.0	0.0	0.0	0.0	0	92	0	0	0	0	0	0	0	0	0	0	92	0	0	92
4300 SOC POLIT ORGANIZ	10	0.0	0.0	0.0	0.0	0	583	0	0	0	0	0	0	0	0	0	0	583	0	0	583
4400 AGRIC ECONOMY U S	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	0	0	0	0	60	0	0	60
4800 MARKETING SYSTEMS	4	0.0	0.0	0.0	0.0	0	210	0	0	0	0	0	0	0	0	0	0	210	0	0	210
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	232	0	0	0	0	0	0	0	0	0	0	232	0	0	232
6400 EXP DESIGN/STAT METH	3	0.0	0.0	0.0	0.0	0	225	0	0	0	0	0	0	0	0	0	0	225	0	0	225
6500 INVERTEBRATES	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	0	0	0	0	0	0	75	0	0	75
6600 MICROORGANISMS,VIRUS	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	0	0	0	0	0	47	0	0	47
6700 PLANTS	59	0.0	0.0	0.0	0.0	0	2838	0	0	0	0	0	0	0	0	0	0	2838	0	0	2838
6800 ANIMALS (VERTEBRATES)	30	0.0	0.0	0.0	0.0	0	139	0	0	0	0	0	0	0	0	0	0	139	0	0	139
7000 RSCH EQUIP & TECHNOL	2	0.0	0.0	0.0	0.0	0	33	0	0	0	0	0	0	0	0	0	0	33	0	0	33
TOTAL	385	0.0	0.0	0.0	0.0	0	21903	0	0	0	0	0	0	0	0	0	0	21903	0	0	21903

COOPERATIVE STATE RES SER

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN C HOUSE	G CA SAMS	OTHER CN GT	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		SYS	I. H. SUPPORT PROF	TECH	YEARS OTHER	USDA APPR								FED FUND	FED FUND		
SERIES 100																	
101 APPRAIS CF SOIL RES	7	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	234	0	0	234	
102 SOIL PLNT WTR NUTRI	10	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	234	0	0	234	
103 MGMT OF SALINE SOIL	4	0.0	0.0	0.0	0.0	0	101	0	0	0	0	0	101	0	0	101	
104 ALTERN USE OF LAND	1	0.0	0.0	0.0	0.0	0	20	0	0	0	0	0	20	0	0	20	
105 CONSERV USE OF WATE	1	0.0	0.0	0.0	0.0	0	9	0	0	0	0	0	9	0	0	9	
107 WATERSHED PROT & MG	3	0.0	0.0	0.0	0.0	0	134	0	0	0	0	0	134	0	0	134	
109 WEATHER ADAPT & MOD	1	0.0	0.0	0.0	0.0	0	28	0	0	0	0	0	28	0	0	28	
111 BIOL CULT MGMT FORS	5	0.0	0.0	0.0	0.0	0	107	0	0	0	0	0	107	0	0	107	
112 IMPROV RANGE RESOR	6	0.0	0.0	0.0	0.0	0	244	0	0	0	0	0	244	0	0	244	
113 REMOTE SENSING	1	0.0	0.0	0.0	0.0	0	22	0	0	0	0	0	22	0	0	22	
SUBTOTAL	39	0.0	0.0	0.0	0.0	0	1133	0	0	0	0	0	1133	0	0	1133	
SERIES 200																	
201 CNTRL FORST INSECTS	25	0.0	0.0	0.0	0.0	0	946	0	0	0	0	0	946	0	0	946	
202 CONTROL FOREST DIS	1	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	50	0	0	50	
204 CNTR PESTS FRT & VE	7	0.0	0.0	0.0	0.0	0	203	0	0	0	0	0	203	0	0	203	
205 CNTR DISE FRT & VEG	8	0.0	0.0	0.0	0.0	0	245	0	0	0	0	0	245	0	0	245	
206 CNTR WEEDS FRT & VE	8	0.0	0.0	0.0	0.0	0	341	0	0	0	0	0	341	0	0	341	
207 CNTR PESTS FLD CROP	9	0.0	0.0	0.0	0.0	0	378	0	0	0	0	0	378	0	0	378	
208 CNTR DIS FIELD CROP	10	0.0	0.0	0.0	0.0	0	513	0	0	0	0	0	513	0	0	513	
209 CNTR WEEDS FLD CROP	7	0.0	0.0	0.0	0.0	0	162	0	0	0	0	0	162	0	0	162	
210 CNTR PESTS ANIMALS	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3	
211 CNTR DIS ANIMALS	5	0.0	0.0	0.0	0.0	0	301	0	0	0	0	0	301	0	0	301	
214 PROTECT FROM POLLUT	10	0.0	0.0	0.0	0.0	0	278	0	0	0	0	0	278	0	0	278	
SUBTOTAL	91	0.0	0.0	0.0	0.0	0	3420	0	0	0	0	0	3420	0	0	3420	
SERIES 300																	
304 IMP BIO EFF FRT & V	17	0.0	0.0	0.0	0.0	0	699	0	0	0	0	0	699	0	0	699	
307 IMP BIO EFF FLD CRP	29	0.0	0.0	0.0	0.0	0	2703	0	0	0	0	0	2703	0	0	2703	
308 MECH PROD FIELD CRO	1	0.0	0.0	0.0	0.0	0	23	0	0	0	0	0	23	0	0	23	
309 PROD MGMT SYS FLD C	2	0.0	0.0	0.0	0.0	0	31	0	0	0	0	0	31	0	0	31	
310 ANIMAL REPRODUCTION	8	0.0	0.0	0.0	0.0	0	458	0	0	0	0	0	458	0	0	458	
311 IMP BIO EFF ANML PR	7	0.0	0.0	0.0	0.0	0	1426	0	0	0	0	0	1426	0	0	1426	
313 PROD MGMT SYS ANML	6	0.0	0.0	0.0	0.0	0	470	0	0	0	0	0	470	0	0	470	
315 IMP STRUC FARM SUPP	1	0.0	0.0	0.0	0.0	0	238	0	0	0	0	0	238	0	0	238	
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	0	77	0	0	77	
318 NON-COM BIO TECH/BI	8	0.0	0.0	0.0	0.0	0	416	0	0	0	0	0	416	0	0	416	
SUBTOTAL	80	0.0	0.0	0.0	0.0	0	6540	0	0	0	0	0	6540	0	0	6540	
SERIES 400																	
402 PROD F & V IMP ACCE	2	0.0	0.0	0.0	0.0	0	196	0	0	0	0	0	196	0	0	196	
405 PROD FLD CROP IMP A	3	0.0	0.0	0.0	0.0	0	113	0	0	0	0	0	113	0	0	113	
409 PROD ANML PR IMP AC	1	0.0	0.0	0.0	0.0	0	48	0	0	0	0	0	48	0	0	48	
412 MKT QUAL ANIMAL PRO	1	0.0	0.0	0.0	0.0	0	88	0	0	0	0	0	88	0	0	88	
SUBTOTAL	7	0.0	0.0	0.0	0.0	0	446	0	0	0	0	0	446	0	0	446	
SERIES 500																	
501 IMP GRADES & STANDS	1	0.0	0.0	0.0	0.0	0	24	0	0	0	0	0	24	0	0	24	
503 MKTG EFF AGRI PRODS	6	0.0	0.0	0.0	0.0	0	389	0	0	0	0	0	389	0	0	389	
507 COMP REL IN AGRIC	1	0.0	0.0	0.0	0.0	0	30	0	0	0	0	0	30	0	0	30	
508 DOMESTIC MKT DEVELP	1	0.0	0.0	0.0	0.0	0	19	0	0	0	0	0	19	0	0	19	
509 PERFORMANCE MKTG SY	3	0.0	0.0	0.0	0.0	0	172	0	0	0	0	0	172	0	0	172	
510 GROUP ACT MKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15	
511 IMP AGRIC STATISTIC	1	0.0	0.0	0.0	0.0	0	106	0	0	0	0	0	106	0	0	106	
SUBTOTAL	14	0.0	0.0	0.0	0.0	0	755	0	0	0	0	0	755	0	0	755	
SERIES 600																	
603 TECH AID DEV CRTY	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	47	0	0	47	
SUBTOTAL	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	47	0	0	47	
SERIES 700																	
701 TOX RES IN FOOD	54	0.0	0.0	0.0	0.0	0	2652	0	0	0	0	0	2652	0	0	2652	
702 FOOD PROT FROM TOX	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2	
703 FOOD CONSUMP HABITS	12	0.0	0.0	0.0	0.0	0	693	0	0	0	0	0	693	0	0	693	
707 TRANS ANML MAN DI	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	1	0	0	1	
708 HUMAN NUTRITION	19	0.0	0.0	0.0	0.0	0	1576	0	0	0	0	0	1576	0	0	1576	
709 REDUCE HAZ HLTH & S	2	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	259	0	0	259	
SUBTOTAL	89	0.0	0.0	0.0	0.0	0	5182	0	0	0	0	0	5182	0	0	5182	
SERIES 800																	
802 INDIV & FAM DEC MAK	8	0.0	0.0	0.0	0.0	0	689	0	0	0	0	0	689	0	0	689	
803 RURAL POVERTY	5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	0	374	0	0	374	
804 ECON POTENT RURL PE	7	0.0	0.0	0.0	0.0	0	347	0	0	0	0	0	347	0	0	347	
805 COMMUNICAT RURL PE	8	0.0	0.0	0.0	0.0	0	750	0	0	0	0	0	750	0	0	750	
806 ADJUSTMENT TO CHANG	6	0.0	0.0	0.0	0.0	0	232	0	0	0	0	0	232	0	0	232	
807 AGRIC ECONOMIC CHAN	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	0	75	0	0	75	
SUBTOTAL	36	0.0	0.0	0.0	0.0	0	2467	0	0	0	0	0	2467	0	0	2467	
SERIES 900																	
901 ALLEV POLLUTION	13	0.0	0.0	0.0	0.0	0	689	0	0	0	0	0	689	0	0	689	
902 OUTDOOR RECREATION	1	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	236	0	0	236	
904 WLDLFE AND FISH ECO	7	0.0	0.0	0.0	0.0	0	311	0	0	0	0	0	311	0	0	311	
905 TREES BEAUTIFICATIO	2	0.0	0.0	0.0	0.0	0	170	0	0	0	0	0	170	0	0	170	
906 ORNAMENT & TURF DEV	3	0.0	0.0	0.0	0.0	0	76	0	0	0	0	0	76	0	0	76	
907 RURAL INCOME IMP	6	0.0	0.0	0.0	0.0	0	173	0	0	0	0	0	173	0	0	173	
908 RURAL INSTITUT IMP	7	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	259	0	0	259	
SUBTOTAL	39	0.0	0.0	0.0	0.0	0	1914	0	0	0	0	0	1914	0	0	1914	
SCIENCE IN SERV OF MAN	397	0.0	0.0	0.0	0.0	0	21903	0	0	0	0	0	21903	0	0	21903	
GRAND TOTAL																	

ECONOMIC RESEARCH SERVICE

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

	CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C G SAES	CA CN	OTHER GT	SP 015	FD 010	SP 010	FORST SERV	OTHER USLA	TOTAL USDA	OTHER FED	NON-FED	TOTAL
			SYS	I.H.SUPPORT PROF	TECH	YEARS OTHER	APPR										FUND	FUND		
0100	SOIL AND LAND	27	22.9	0.0	0.0	7.9	1104	0	0	0	0	0	0	0	0	0	1104	110	0	1214
0200	WATER	26	8.2	0.0	0.0	4.8	524	0	0	0	0	0	0	0	0	0	524	69	0	593
0300	WATERSHEDS RIVER BAS	6	2.1	0.0	0.0	1.4	173	0	0	0	0	0	0	0	0	0	173	0	0	173
0400	AIR AND CLIMATE	4	5.7	0.0	0.0	1.8	290	0	0	0	0	0	0	0	0	0	290	87	0	377
0900	CITRUS SUB TROP FRUT	12	5.0	0.0	0.0	2.7	268	0	0	0	0	0	0	0	0	0	268	0	0	268
1000	FRUIT NUTS DECIDUOUS	12	5.3	0.0	0.0	2.9	285	0	0	0	0	0	0	0	0	0	285	0	0	285
1100	POTATOES	10	2.1	0.0	0.0	1.0	110	0	0	0	0	0	0	0	0	0	110	0	0	110
1200	VEGETABLES	12	8.2	0.0	0.0	3.9	428	0	0	0	0	0	0	0	0	0	428	0	0	428
1300	ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	2	0	0	0	0	0	0	0	0	0	2	0	0	2
1400	CORN	32	7.5	0.0	0.0	4.0	384	7	0	0	0	0	0	0	0	0	391	2	0	393
1500	GRAIN SORGHUM	24	3.2	0.0	0.0	1.5	162	3	0	0	0	0	0	0	0	0	165	1	0	166
1600	RICE	23	3.2	0.0	0.0	1.5	162	0	0	0	0	0	0	0	0	0	162	1	0	163
1700	WHEAT	27	6.9	0.0	0.0	3.6	348	5	0	0	0	0	0	0	0	0	352	2	0	354
1800	OTHER SMALL GRAINS	23	2.2	0.0	0.0	1.0	108	0	0	0	0	0	0	0	0	0	109	1	0	110
2000	FORAGE CROPS	22	2.1	0.0	0.0	1.0	107	0	0	0	0	0	0	0	0	0	108	0	0	108
2100	COTTON	16	16.2	0.0	0.0	8.6	953	0	0	0	0	0	0	0	0	0	953	0	0	953
2200	COTTONSEED	1	2.0	0.0	0.0	1.8	122	0	0	0	0	0	0	0	0	0	122	0	0	122
2300	SOYBEANS	17	7.6	0.0	0.0	4.7	412	30	0	0	0	0	0	0	0	0	441	0	0	441
2400	PEANUTS	5	1.2	0.0	0.0	0.6	66	0	0	0	0	0	0	0	0	0	66	0	0	66
2500	OTHER OILSEED CROPS	1	0.3	0.0	0.0	0.3	17	0	0	0	0	0	0	0	0	0	17	0	0	17
2900	POULTRY	21	7.9	0.0	0.0	7.6	436	39	0	0	0	0	0	0	0	0	475	7	0	482
3000	BEEF CATTLE	21	13.1	0.0	0.0	7.3	683	18	0	0	0	0	0	0	0	0	701	28	0	729
3100	DAIRY CATTLE	17	13.8	0.0	0.0	9.8	756	7	0	0	0	0	0	0	0	0	763	22	0	784
3200	SWINE	19	8.9	0.0	0.0	4.8	440	16	0	0	0	0	0	0	0	0	457	26	0	483
3300	SHEEP AND WOOL	7	1.7	0.0	0.0	1.2	84	5	0	0	0	0	0	0	0	0	89	0	0	89
3600	FARM SUPP & FACILITS	10	25.2	0.0	0.0	11.3	1197	6	0	0	0	0	0	0	25	0	1229	0	0	1229
3800	FOOD	18	52.0	0.0	0.0	24.8	2792	0	98	0	0	0	0	0	81	0	2971	5	0	2976
3900	HOUSING & EQUIP	6	3.2	0.0	0.0	0.8	177	0	0	0	0	0	0	0	0	0	177	15	0	192
4000	PEOPLE AS INDIVIDUAL	7	15.3	0.0	0.0	8.7	1284	0	0	0	0	0	0	0	0	0	1284	0	0	1284
4100	FAMILY MEMBERS	5	9.5	0.8	0.5	1.4	575	0	0	0	0	0	0	0	0	0	575	0	0	575
4200	FARM AS BUSINESS	6	19.6	0.0	0.0	7.1	1890	25	0	0	0	0	0	0	0	0	1915	0	0	1915
4300	SOC POLIT ORGANIZ	23	26.3	0.3	0.0	11.1	1390	0	0	0	0	0	0	0	0	0	1390	198	0	1588
4400	AGRIC ECONOMY U S	14	35.9	0.0	0.0	35.6	3560	7	8	0	0	0	0	0	0	0	3575	45	15	3635
4500	AGRIC ECONOMY FORGN	24	30.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	0	0	0	3882	3	0	3885
4700	OTH MARKET PROCESS	1	1.2	0.0	0.0	1.6	111	0	0	0	0	0	0	0	0	0	111	0	0	111
4800	MARKETING SYSTEMS	5	20.9	0.0	0.0	12.8	1245	0	0	0	0	0	0	0	0	0	1245	0	0	1245
6400	EXP DESIGN/STAT METH	1	2.9	0.0	0.0	1.5	149	0	0	0	0	0	0	0	0	0	149	0	0	149
6700	PLANTS	6	4.1	0.0	0.0	1.3	156	5	0	0	0	0	0	0	0	0	161	0	0	161
6800	ANIMALS(VERTEBRATES)	5	2.4	0.0	0.0	0.6	92	5	0	0	0	0	0	0	0	0	96	0	0	96
7000	RSCH EQUIP & TECHNOL	1	1.0	0.0	0.0	0.5	50	0	0	0	0	0	0	0	0	0	50	0	0	50
9900	UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0	0	0	52	0	0	52
TOTAL			519	458.3	1.7	0.5	244.7	27027	179	106	0	0	0	0	106	27418	622	15	28055	

ECONOMIC RESEARCH SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G CA SAES	OTHER CN ST	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT PROF	TECH	YEARS OTHER												
SERIES 100																
103 MGMT OF SALINE SOIL	1	0.1	0.0	0.0	0.0	11	0	0	0	0	0	0	11	28	0	38
104 ALTERN USE OF LAND	16	23.7	0.0	0.0	8.7	1062	0	0	0	0	0	0	1062	137	0	1198
108 ECON LEG PROB OF WA	4	4.5	0.0	0.0	3.3	332	0	0	0	0	0	0	332	0	0	332
SUBTOTAL	21	28.3	0.0	0.0	12.0	1405	0	0	0	0	0	0	1405	164	0	1569
SERIES 300																
309 PROD MGMT SYS FLD C	2	3.2	0.0	0.0	2.9	216	0	0	0	0	0	0	216	0	0	216
312 ENV STRESS IN ANML	1	1.2	0.0	0.0	1.4	84	0	0	0	0	0	0	84	0	0	84
313 PROD MGMT SYS ANML	1	1.2	0.0	0.0	0.0	51	0	0	0	0	0	0	51	0	0	51
SUBTOTAL	4	5.6	0.0	0.0	4.3	351	0	0	0	0	0	0	351	0	0	351
SERIES 500																
501 IMP GRADES & STANDS	2	1.2	0.0	0.0	0.2	55	0	0	0	0	0	0	55	6	0	61
503 MKTG EFF AGRI PRODS	16	11.3	0.0	0.0	4.1	543	51	0	0	0	0	0	593	0	0	593
506 SELF DEMAND AND PRI	43	87.0	0.0	0.0	58.8	4923	90	0	0	0	0	25	5038	0	0	5038
507 COMF REL IN AGRIC	8	12.1	0.0	0.0	3.1	463	0	0	0	0	0	0	463	1	0	464
508 DOMESTIC MKT DEVELP	8	13.7	0.0	0.0	7.6	755	0	0	0	0	0	0	755	5	0	760
509 PERFORMANCE MKTG SY	32	57.8	0.1	0.0	27.5	3317	0	0	0	0	0	0	3317	0	0	3317
511 IMP AGRIC STATISTIC	1	3.9	0.0	0.0	2.0	199	0	0	0	0	0	0	199	0	0	199
SUBTOTAL	110	187.0	0.1	0.0	103.2	10274	140	0	0	0	0	25	10440	12	0	10452
SERIES 600																
601 FGN MKT DEVELP	24	80.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	3882	3	0	3885
SUBTOTAL	24	80.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	3882	3	0	3885
SERIES 700																
703 FOOD CONSUMP HABITS	3	12.5	0.0	0.0	5.5	501	0	98	0	0	0	81	680	0	0	680
SUBTOTAL	3	12.5	0.0	0.0	5.5	501	0	98	0	0	0	81	680	0	0	680
SERIES 800																
801 RURAL HOUSING	2	4.7	0.0	0.0	1.1	273	0	0	0	0	0	0	273	0	0	273
804 ECON POTENT RUEL PE	4	5.6	0.8	0.5	0.5	346	0	0	0	0	0	0	346	0	0	346
806 ADJUSTMENT TO CHANG	7	15.3	0.0	0.0	8.7	1284	0	0	0	0	0	0	1284	0	0	1284
807 AGRIC ECONOMIC CHAN	20	44.9	0.0	0.0	37.6	4991	25	8	0	0	0	0	5024	11	15	5050
808 GOV'T PROGRAMS	16	26.1	0.0	0.0	13.9	1375	14	0	0	0	0	0	1389	45	0	1434
SUBTOTAL	49	96.6	0.8	0.5	61.8	8269	39	8	0	0	0	0	8316	56	15	8387
SERIES 900																
901 ALLEV POLLUTION	20	20.3	0.0	0.0	6.7	900	0	0	0	0	0	0	900	189	0	1089
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	2	0	0	0	0	0	0	2	0	0	2
907 RURAL INCOME IMP	6	7.7	0.0	0.0	5.0	457	0	0	0	0	0	0	457	0	0	457
908 RURAL INSTITUT IMP	17	18.6	0.8	0.0	6.1	933	0	0	0	0	0	0	933	198	0	1131
990 UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	52	0	0	52
SUBTOTAL	45	47.6	0.8	0.0	17.8	2344	0	0	0	0	0	0	2344	387	0	2731
SCIENCE IN SERV OF MAN																
GRAND TOTAL	256	458.3	1.7	0.5	244.7	27027	179	106	0	0	0	106	27418	622	15	28055

FARM COOPERATIVE SERVICE

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS												EXCLUSIVE OF PL-480 AND AID FUNDS			TOTAL
		SYS	PROF	TECH	OTHER	REG	IN	C	G	CA	OTHER	SP	PD	SP	PD	FORST	OTHER	TOTAL USDA	OTHER FED	NON- FED	
4600 FARM COOPERATIVES	36	21.1	0.0	0.0	0.0	885		0	56	0	0	0	0	0	0	0	0	941	0	0	941
TOTAL	36	21.1	0.0	0.0	0.0	885		0	56	0	0	0	0	0	0	0	0	941	0	0	941

FARM COOPERATIVE SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS												EXCLUSIVE OF PL-480 AND AID FUNDS			TOTAL
		SYS	PROF	TECH	OTHER	REG	IN	C	G	CA	OTHER	SP	PD	SP	PD	FORST	OTHER	TOTAL USDA	OTHER FED	NON- FED	
SERIES 500																					
510 GROUP ACT MKT POWER	36	21.1	0.0	0.0	0.0	885		0	56	0	0	0	0	0	0	0	0	941	0	0	941
SUBTOTAL	36	21.1	0.0	0.0	0.0	885		0	56	0	0	0	0	0	0	0	0	941	0	0	941
SCIENCE IN SERV OF MAN																					
GRAND TOTAL	36	21.1	0.0	0.0	0.0	885		0	56	0	0	0	0	0	0	0	0	941	0	0	941

U S FOREST SERVICE

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C	G	CA	OTHER	SP	FD	SP	FD	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	PROF	TECH	OTHER	YEARS															
0100 SOIL AND LAND	5	10.2	4.5	3.7	1.6	982										48	0	1030	104	0	1135
0200 WATER	9	11.5	1.9	2.3	1.3	962										50	0	1011	188	0	1200
0300 WATERSHEDS RIVER BAS	33	94.8	8.4	60.5	22.1	8071										810	0	8881	1537	0	10418
0400 AIR AND CLIMATE	3	5.3	0.3	3.8	1.7	503										28	0	531	4	0	535
0500 RECREATION RESOURCES	17	24.7	6.8	8.5	10.0	2722										609	0	3331	146	0	3478
0600 TIMBER FORST PRODUCT	195	712.1	116.9	455.0	195.7	59158										4450	0	63607	3509	0	67116
0700 RANGE	16	22.7	5.4	10.7	6.9	2216										213	0	2429	152	0	2582
0800 WILDLIFE AND FISH	30	56.5	5.1	26.4	14.0	3932										370	0	4302	396	0	4697
3900 HOUSING & EQUIP	3	10.8	2.6	8.7	2.6	909										54	0	963	44	0	1007
4300 SOC POLIT ORGANIZ	1	3.0	0.2	2.0	2.0	242										5	0	247	0	0	247
TOTAL	312	951.5	152.1	583.6	257.9	79696										6637	0	86332	6081	0	92413

U S FOREST SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C	G	CA	OTHER	SP	FD	SP	FD	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	PROF	TECH	OTHER	YEARS															
SERIES 100																					
102 SOIL PLNT WTR NUTRI	1	2.0	0.4	1.2	0.4	168										10	0	177	1	0	178
105 CONSERV USE OF WATE	1	0.8	0.4	0.5	0.8	119										12	0	130	45	0	175
107 WATERSHED PROT & MG	36	98.8	7.1	59.8	20.4	8173										642	0	8815	1427	0	10242
108 ECON LEG PROB OF WA	1	1.1	0.0	0.8	0.1	61										12	0	73	7	0	80
110 APPRAIS FORST & RAN	12	57.6	45.5	33.7	19.7	7078										284	0	7362	145	0	7507
111 BIOL CULT MGMT FORS	63	183.9	18.2	128.8	46.3	13760										672	0	14432	999	0	15431
112 IMPROV RANGE RESOR	5	9.5	1.8	5.8	3.0	983										37	0	1020	67	0	1088
SUBTOTAL	119	353.6	73.7	230.6	90.6	30341										1669	0	32010	2690	0	34700
SERIES 200																					
201 CNTRL FORST INSECTS	34	110.5	12.1	74.4	37.6	9796										1206	0	11003	811	0	11814
202 CONTROL FOREST DIS	23	58.7	7.8	40.6	17.0	4863										115	0	4978	164	0	5142
203 FOREST FIRE PROTECT	20	70.3	10.5	33.4	17.6	6026										773	0	6799	340	0	7138
214 PROTECT FROM POLLUT	3	8.0	1.4	6.3	3.0	1524										145	0	1669	63	0	1732
SUBTOTAL	80	247.6	31.8	154.6	75.1	22209										2239	0	24448	1377	0	25826
SERIES 300																					
301 GENET BREED FORST T	12	35.4	1.5	39.8	11.2	3261										25	0	3286	92	0	3377
302 IMP FOREST ENG SYS	6	14.1	5.5	8.9	6.6	1534										330	0	1864	311	0	2175
303 ECON TIMBER PRODUCT	5	10.9	0.4	0.0	3.9	692										29	0	722	21	0	743
SUBTOTAL	23	60.4	7.4	48.7	21.7	5487										384	0	5871	424	0	6294
SERIES 400																					
401 NEW IMP FOREST PROD	27	113.5	20.4	81.8	18.3	9810										646	0	10456	446	0	10902
SUBTOTAL	27	113.5	20.4	81.8	18.3	9810										646	0	10456	446	0	10902
SERIES 500																					
502 MKTG TIMBER PRODUCT	11	35.6	2.2	8.9	10.8	2102										242	0	2343	97	0	2441
512 IMP GRADES FRST PRO	2	10.0	0.5	5.5	3.5	643										4	0	646	19	0	665
513 PRICE ANAL FRST PRO	3	8.6	2.0	0.5	2.9	555										37	0	593	1	0	593
SUBTOTAL	16	54.2	4.7	14.9	17.2	3299										283	0	3582	117	0	3699
SERIES 800																					
801 RURAL HOUSING	2	6.0	1.0	6.0	1.8	471										16	0	487	43	0	529
SUBTOTAL	2	6.0	1.0	6.0	1.8	471										16	0	487	43	0	529
SERIES 900																					
901 ALLEV POLLUTION	9	19.1	1.6	7.3	2.8	1529										137	0	1667	349	0	2016
902 OUTDOOR RECREATION	11	16.2	3.9	3.2	8.1	1312										267	0	1578	79	0	1657
903 MULTI-USE-FOREST PO	9	18.5	3.6	4.2	5.6	866										621	0	1488	143	0	1631
904 WLDLPE AND FISH ECO	28	56.2	3.7	27.5	13.6	3858										371	0	4229	391	0	4620
905 TREES BEAUTIFICATIO	2	3.2	0.2	2.9	1.1	271										0	0	271	22	0	293
907 RURAL INCOME IMP	1	3.0	0.2	2.0	2.0	242										5	0	247	0	0	247
SUBTOTAL	60	116.2	13.1	47.1	33.2	8077										1401	0	9479	985	0	10463
SCIENCE IN SERV OF MAN																					
GRAND TOTAL	327	951.5	152.1	583.6	257.9	79696										6637	0	86332	6081	0	92413

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E-7 SUMMARY BY AGENCY

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

EXCLUSIVE OF PL-480 AND AID FUNDS

	NO OF PROJ	SYS	STAFF I. H. SUPPORT PROF	TECH	YEARS OTHER	REG FOUSE	IN SAES	C CN	G GT	CA OTHER	SP 015	FD 010	SP SERV	FD FORST	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
AGRICULTURAL RESEARCH SER	2495	3066.0	*	*	*	267681	4333	4271			0	0	0	0	0	276385	15691	880	292956
COOPERATIVE STATE RES SER	277	0.0	0.0	0.0	0.0	0	21903		0		0	0	0	0	0	21903	0	0	21903
ECONOMIC RESEARCH SERVICE	253	458.3	1.7	0.5	244.7	27027	179	106			0	0	0	0	106	27418	622	15	28055
FARM COOPERATIVE SERVICE	36	21.1	0.0	0.0	0.0	885	0	56			0	0	0	0	0	941	0	0	941
U S FOREST SERVICE	240	951.5	152.1	583.6	257.9	79696		0	0		0	0	6637		0	86332	6081	0	92413
TOTAL	3301	4496.9	*	*	7203.9	375288	26415	4533			0	0	6637	106	412979	22394	895	436268	

276385
4333
272052

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										SUPPORT YEARS										HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		SYS	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF														TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH	OTHER	PROF	TECH

1,141

103,341

72135

21642

1,071,000

15,156

12572

28,028

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
			PROF	TECH	OTHER	HATH	RRF											
SERIES 100																		
101 APPRAIS OF SOIL RES	199	75.7	74.3	51.6	51.6	729	150	43	36	11	969	87	740	3084	282	280	659	6101
102 SOIL PLNT WTR NUTRI	514	157.0	142.0	154.0	121.6	1447	343	158	174	0	2132	170	1350	7566	886	808	521	13433
103 MGMT OF SALINE SOIL	51	15.1	18.6	16.1	20.4	33	70	0	0	0	103	63	308	898	21	69	15	1476
104 ALTERN USE OF LAND	187	59.4	50.7	19.7	34.9	692	213	114	0	51	1070	164	817	1596	59	566	214	4484
105 CONSERV USE OF WATE	237	57.9	39.0	51.3	37.4	371	141	33	0	4	548	48	941	2616	227	214	226	4821
106 DRAIN AND IRRIGATIO	97	29.7	24.4	32.8	27.3	190	46	1	7	0	243	28	430	1244	222	55	201	2422
107 WATERSHED PROT & MG	158	53.5	66.0	68.9	43.6	249	112	211	123	9	704	333	1589	2002	114	387	887	6017
108 ECON LEG PROB OF WA	42	13.8	11.7	5.0	10.1	117	0	1	0	0	118	21	258	449	1	5	11	864
109 WEATHER ADAPT & MOD	107	35.3	43.6	33.7	36.6	248	178	69	15	0	510	159	1922	1224	84	153	213	4264
110 APPRAIS FORST & RAN	114	25.6	18.5	10.2	11.7	47	3	333	0	0	383	107	169	905	19	79	42	1703
111 BIOL CULT MGMT FORS	407	116.0	125.8	93.2	82.9	238	322	141	27	0	2439	369	856	4922	570	551	418	10126
112 IMPROV RANGE RESOR	171	49.1	41.7	44.9	39.6	302	38	86	9	0	435	109	1478	2349	239	195	186	4991
113 REMOTE SENSING	51	13.0	12.3	11.4	12.2	45	12	110	0	0	167	34	577	333	16	52	28	1201
114 RSCH ON MGMT OF RSC	27	10.8	4.1	2.1	2.4	42	149	7	9	0	207	117	65	352	1	6	1	748
SUBTOTAL	2362	711.8	682.8	594.7	532.4	4749	14883	3316	401	75	10028	18091	1499	29540	2740	3421	3619	62657
SERIES 200																		
201 CNTRL FORST INSECTS	196	61.1	66.7	44.6	28.6	168	132	563	16	0	878	541	1519	1978	43	199	94	5254
202 CONTROL FOREST DIS	138	38.4	38.4	24.9	22.5	145	138	560	27	1	871	98	182	1460	37	128	43	2819
203 FOREST FIRE PROTECT	20	2.3	3.3	3.0	1.1	2	0	4	0	0	6	57	41	101	3	14	1	223
204 CNTR PESTS FRT & VE	352	129.4	99.8	112.2	112.1	1217	268	0	246	0	1731	302	462	5997	190	578	183	10442
205 CNTR DISE FRT & VEG	652	215.1	140.5	188.3	208.9	1962	387	22	194	0	2565	181	345	11595	328	783	289	16085
206 CNTR WEEDS FRT & VE	165	48.8	31.7	45.5	47.4	545	116	0	91	0	752	13	75	2360	100	293	54	3646
207 CNTR PESTS FLD CROP	483	165.9	152.0	133.0	141.4	2007	615	0	370	2	2993	463	1186	7962	435	1072	347	14458
208 CNTR DIS FELD CROP	662	212.6	164.3	188.2	175.6	2425	574	0	399	3	3401	211	363	9974	450	1095	574	16068
209 CNTR WEEDS FLD CROP	285	87.5	81.7	72.5	89.5	967	273	0	90	1	1330	111	62	4684	585	953	256	7982
210 CNTR PESTS ANIMALS	91	29.5	13.4	18.6	14.8	346	9	0	45	48	448	191	64	1289	76	116	39	2223
211 CNTR DIS ANIMALS	479	243.9	171.1	347.7	192.1	2069	1192	0	230	0	3490	955	1864	12847	1577	809	973	22514
212 CNTR INTER PARASITE	94	31.9	16.4	49.1	29.9	383	152	0	13	0	549	2	73	1847	136	468	53	3128
213 PROT ANMLS FROM TOX	89	20.1	23.5	27.9	19.6	161	175	0	0	0	336	22	349	1118	93	133	17	2069
214 PROTECT FROM POLLUT	229	56.7	76.8	54.8	42.4	447	171	71	249	0	939	165	1023	2497	63	562	112	5361
SUBTOTAL	3935	1343.1	1079.6	1310.2	1126.0	12844	41991	1221	1970	55	20289	3311	7609	66709	4117	7203	3034	112271
SERIES 300																		
301 GENET BREED FORST T	132	37.1	45.9	33.1	38.9	78	136	845	0	0	1058	79	89	1470	82	424	75	3278
302 IMP FOREST ENG SYS	27	11.7	12.7	10.2	6.2	34	0	117	0	0	150	43	8	431	4	71	74	781
303 ECON TIMBER PRODUCT	50	18.2	7.9	6.3	9.4	0	0	234	0	0	234	102	59	545	35	46	194	1215
304 IMP BIO EFF FRT & V	1001	364.2	191.7	360.8	473.3	3179	562	4	453	0	4198	258	467	22514	1162	1262	662	30523
305 MECH PROD FRT & VEG	163	46.2	21.9	43.4	37.1	524	100	0	12	0	636	33	35	2512	45	193	48	3502
306 PROD MGMT SYS F & V	83	21.2	8.0	14.9	31.2	245	23	0	8	0	276	23	6	1178	68	35	8	1595
307 IMP BIO EFF FLD CRO	1581	642.9	408.2	650.2	780.0	5805	1425	1	1699	10	8940	720	1707	39770	3984	3757	1736	60615
308 MECH PROD FELD CRO	115	30.6	27.8	22.8	27.4	345	125	0	42	0	512	73	104	1617	106	310	81	2802
309 PROD MGMT SYS FLD C	190	45.6	25.8	37.2	51.7	568	90	0	103	0	760	115	100	2506	323	183	223	4210
310 ANIMAL REPRODUCTION	433	166.7	141.9	257.2	247.8	2616	1135	0	641	0	4392	393	1348	11034	3438	557	570	21732
311 IMP BIO EFF ANML PR	1264	465.2	363.4	722.0	826.1	7637	1919	4	1041	0	10601	795	1863	38260	12533	2757	907	67716
312 ENV STRESS IN ANML	172	66.1	54.9	88.9	92.0	680	344	0	14	0	1038	113	2133	3287	590	257	99	7516
313 PROD MGMT SYS ANML	272	63.0	52.0	58.0	126.3	785	189	0	225	0	1199	89	368	5324	1720	180	457	9337
314 PEES OTH POLLNTNG I	43	17.8	11.4	5.5	8.4	119	92	0	0	0	211	34	19	726	26	33	22	1071
315 IMP STRUC FARM SUPP	109	37.9	23.3	39.3	22.2	335	6	0	284	0	625	223	838	1308	263	149	98	3504
316 FARM BUSINESS MGMT	133	49.4	27.3	15.7	46.3	1004	37	0	66	0	1108	92	44	1476	48	33	8	2808
317 MECH/STRUCTS ANML P	68	12.3	9.4	9.0	14.8	162	11	0	15	0	188	51	20	705	56	52	28	1099
318 NON-COM BIO TECH/BI	1001	416.9	494.5	354.6	247.9	3202	224	9	108	0	3541	224	10252	18508	957	1280	1061	35823
SUBTOTAL	6847	2513.1	1927.9	2728.9	3077.0	27316	6418	1212	4710	10	39667	3459	1946	11531	17125	4411	578	259129
SERIES 400																		
401 NEW IMP FOREST PROD	186	100.5	69.3	54.6	49.9	187	0	961	2	0	1150	145	392	3446	56	672	170	6031
402 PROD F & V IMP ACCE	239	46.9	33.7	49.0	51.9	534	35	0	14	0	584	20	8	3036	83	151	117	3999
403 NEW & IMP FEV PROD	200	71.5	55.6	52.1	66.3	1050	83	0	32	0	1165	71	362	3255	163	245	124	5385
404 MKT QUAL FRTS & VEG	198	60.5	46.9	58.8	57.3	961	498	0	40	0	1499	28	75	2833	152	212	145	4944
405 PROD FLD CROP IMP A	233	68.7	48.2	64.5	74.5	811	156	0	293	0	1260	55	85	3164	330	500	137	5532
406 NEW IMP FOOD FLD CR	134	36.8	46.6	34.5	20.0	629	94	0	216	0	938	60	306	1483	167	188	56	3198
407 NEW IMP NON-FOOD FC	50	15.2	13.6	9.4	23.3	203	43	0	13	0	259	1	125	649	79	44	9	1166
408 MKT QUAL FELD CROP	85	22.5	12.2	15.9	13.2	402	17	0	9	0	428	101	33	965	44	98	14	1683
409 PROD ANML PR IMP AC	172	43.8	33.7	49.8	46.1	1167	256	0	234	0	1657	47	237	2047	805	112	126	5031
410 IMP MEAT MILK EGG P	279	86.4	91.7	83.2	76.8	2020	137	0	62	0	2219	70	453	3691	387	414	137	7369
411 IMP NON-FOOD ANML P	21	3.9	1.3	1.6	9.2	55	0	0	0	0	55	0	4	269	5	30	1	364
412 MKT QUAL ANIMAL PRO	124	31.2	28.6	30.5	30.3	765	100	0	39	0	903	11	58	1344	257	184	46	2804
SUBTOTAL	1921	588.0	481.3	504.0	518.8	8784	1420	961	952	0	12117	610	2139	26182	2526	2851	1082	47507
SERIES 500																		
501 IMP GRADES & STANDS	70	19.9	11.9	14.6	22.9	363	68	0	0	0	431	12	6	814	67	125	31	1486
502 MKTG TIMBER PRODUCT	28	6.3	2.4	1.8	4.3	39	38	51	0	0	128	27	31	113	0	45	7	351

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	KRF											
SERIES 800																		
801 RURAL HOUSING	49	14.3	7.8	6.8	13.4	86	116	0	90	13	305	3	76	354	9	12	4	762
802 INDIV & FAM DEC MAK	157	30.3	28.3	10.8	14.9	405	197	0	180	8	790	6	51	1095	43	47	6	2038
803 RURAL POVERTY	39	9.4	6.6	3.2	12.2	126	23	0	186	28	364	0	20	195	9	4	5	597
804 ECON POTENT RURL PE	108	26.4	19.2	9.2	26.2	323	97	0	307	187	914	41	154	585	9	9	99	1812
805 COMMUNICAT RURL PE	131	29.6	25.6	7.3	18.1	280	24	7	244	7	560	6	163	1623	86	189	135	2762
806 ADJUSTMENT TO CHANG	172	43.7	32.6	13.9	35.4	589	261	0	279	45	1174	7	210	1390	28	94	111	3014
807 AGRIC ECONOMIC CHAN	116	32.4	28.6	11.0	28.7	426	107	0	106	0	640	61	118	1149	26	37	87	2117
808 GOV'T PROGRAMS	35	6.5	7.0	3.7	9.1	149	26	0	0	0	175	33	26	268	3	13	0	519
SUBTOTAL	807	192.6	155.7	66.0	158.0	2384	850	7	1392	288	4921	158	819	6660	212	406	446	13621
SERIES 900																		
901 ALLEY POLLUTION	704	247.2	234.4	245.4	198.3	2285	1340	114	1194	0	4933	413	3842	9967	447	1641	617	21859
902 OUTDOOR RECREATION	172	47.0	43.9	21.0	23.0	264	319	335	43	14	974	67	339	1474	40	38	198	3130
903 MULTI-USE-FOREST PO	76	13.2	13.6	12.7	9.2	17	6	269	0	0	283	77	13	428	10	24	97	932
904 WILDLFE AND FISH ECO	549	163.1	213.8	160.0	171.7	884	212	444	311	0	1851	250	2594	6846	392	1513	1566	15012
905 TREES BEAUTIFICATIO	97	26.5	16.8	18.5	13.8	155	84	64	40	0	343	42	126	1525	19	50	193	2299
906 ORNAMENT & TURF DEV	563	200.9	116.4	191.2	190.0	2061	262	1	29	8	2361	76	91	10784	302	918	134	14667
907 RURAL INCOME IMP	180	46.5	39.4	12.0	30.2	617	165	0	418	262	1462	36	70	1084	29	74	92	2847
908 RURAL INSTITUT IMP	293	78.9	75.2	23.3	58.8	1317	422	12	358	358	2466	40	295	2188	100	165	111	5364
990 UNCLASSIFIED	47	127.9	30.9	14.4	54.6	775	175	40	0	65	1055	607	762	5724	1905	857	3320	14229
SUBTOTAL	2681	951.2	834.4	698.6	749.7	8374	2985	1270	2393	707	15729	1608	8132	40020	3244	5281	6326	80339
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		6918.6		6295.8		72436		8175		141		12572		341160		32731		621845

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS		HATH	RRF	STEM	GT	CSRS	CSRS	CGCA	FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH													
0100 SOIL AND LAND	162	52.5	51.3	41.6	32.2	628	318	71	66	7	1090	38	225	1739	96	141	241
0200 WATER	87	30.7	32.1	19.3	13.0	393	23	16	0	0	432	3	294	809	17	89	170
0300 WATERSHEDS RIVER BAS	19	4.1	4.2	2.4	2.2	29	0	55	0	0	85	21	7	143	0	0	4
0400 AIR AND CLIMATE	23	4.9	3.2	1.9	4.3	40	23	20	40	0	123	4	63	160	8	7	0
0500 RECREATION RESOURCES	49	12.1	13.7	6.4	5.4	88	151	127	0	0	367	16	63	197	2	10	91
0600 TIMBER FORST PRODUCT	205	75.8	71.7	48.3	28.8	353	1811	177	0	0	1710	166	263	1902	21	437	222
0700 RANGE	2	0.5	0.5	1.1	0.7	39	29	1	0	0	69	0	0	42	14	0	2
0800 WILDLIFE AND FISH	128	36.8	42.2	39.5	23.9	237	47	119	122	0	526	33	615	1115	48	331	548
0900 CITRUS SUB TROP FRUT	3	0.2	0.8	0.4	0.1	3	5	0	0	0	7	0	2	12	0	5	0
1000 FRUIT NUTS DECIDUOUS	256	97.9	48.9	100.5	60.4	1238	527	22	99	0	1886	65	116	3891	253	381	57
1100 POTATOES	82	23.9	19.3	18.8	20.6	358	274	0	42	0	673	41	12	971	52	118	139
1200 VEGETABLES	245	75.0	42.0	80.1	42.0	974	339	0	102	0	1415	82	154	3053	137	231	79
1300 ORNAMENTALS TURF	123	33.5	29.0	36.4	35.0	526	113	1	0	0	641	5	43	1573	43	176	52
1400 CORN	92	23.8	18.9	27.2	15.4	403	81	1	1	0	486	3	24	903	46	80	77
1500 GRAIN SORGHUM	1	0.1	0.0	0.0	0.0	2	0	0	0	0	2	0	0	2	0	0	0
1600 RICE	1	0.0	0.0	0.0	0.0	1	0	0	0	0	1	0	0	0	3	0	0
1700 WHEAT	22	2.9	3.1	2.6	2.0	60	0	0	0	0	60	0	31	135	21	5	1
1800 OTHER SMALL GRAINS	22	2.3	3.7	5.4	2.3	30	5	0	0	0	35	3	33	147	10	9	1
1900 PASTURE	3	0.1	0.4	0.1	0.2	1	2	0	0	0	4	0	0	12	0	0	0
2000 FORAGE CROPS	100	25.8	23.4	39.4	29.4	385	167	0	195	0	747	19	40	1337	49	109	51
2100 COTTON	2	0.2	0.1	0.0	0.0	4	0	0	0	0	4	0	0	6	0	0	29
2200 COTTONSEED	1	0.1	0.2	0.0	0.1	0	0	0	0	0	0	0	0	3	0	1	0
2300 SOYBEANS	44	10.2	5.2	6.4	4.9	130	34	0	212	0	377	5	66	360	44	11	2
2400 PEANUTS	3	0.3	0.7	0.0	0.2	1	0	0	0	0	1	0	0	15	0	26	0
2500 OTHER OILSEED CROPS	3	0.2	0.5	0.2	0.2	2	0	0	0	0	2	0	7	20	0	25	0
2600 TOBACCO	22	7.7	1.6	7.7	3.9	111	0	0	0	0	111	0	0	341	22	2	0
2700 SUGAR CROPS	1	0.3	0.0	0.0	0.0	2	0	0	0	0	2	0	0	1	2	0	0
2800 MISC NEW CROPS	7	1.2	0.3	0.7	0.4	10	11	0	0	0	21	0	4	46	1	2	1
2900 POULTRY	154	60.6	55.5	101.0	60.3	950	494	0	20	0	1464	45	636	2657	434	199	153
3000 BEEF CATTLE	75	16.6	11.7	34.7	18.4	314	55	0	47	0	417	6	84	840	136	114	135
3100 DAIRY CATTLE	215	65.7	56.9	110.3	69.9	1139	361	0	70	0	1569	24	487	3030	696	274	450
3200 SWINE	39	9.2	4.2	14.1	8.9	88	0	0	27	0	115	3	151	338	90	24	6
3300 SHEEP AND WOOL	43	9.1	5.9	15.1	12.9	168	28	0	0	0	195	0	67	317	182	14	24
3400 OTHER ANIMALS	104	37.3	27.7	51.4	20.1	283	8	0	0	0	291	11	714	1077	130	182	193
3500 BEES AND HONEY	7	2.7	0.7	0.6	2.0	46	0	0	0	0	46	3	7	88	14	3	2
3600 FARM SUPP & FACILITS	9	2.4	1.2	2.1	0.5	34	2	0	0	0	36	5	19	81	10	0	0
3700 CLOTHING & TEXTILES	8	1.6	0.5	0.5	0.7	7	31	0	0	0	38	0	0	35	2	1	0
3800 FOOD	91	29.4	34.1	23.8	14.9	511	279	0	0	0	790	41	389	968	157	209	28
3900 HOUSING & EQUIP	33	11.7	11.6	10.4	8.6	136	25	0	0	0	161	86	145	261	34	45	61
4000 PEOPLE AS INDIVIDUAL	130	43.2	34.9	25.9	25.8	544	136	7	136	17	840	95	587	1127	115	134	231
4100 FAMILY MEMBERS	21	3.3	3.0	3.6	5.7	70	12	0	124	0	206	7	102	224	27	72	33
4200 FARM AS BUSINESS	18	7.9	3.5	2.7	6.3	150	0	0	5	0	154	4	6	226	1	5	5
4300 SOC POLIT ORGANIZ	98	33.2	27.1	10.5	18.2	556	203	2	54171	986	26	183	660	74	79	128	2136
4400 AGRIC ECONOMY U S	10	3.0	1.6	1.4	1.3	54	4	0	0	0	57	0	18	87	0	3	2
4500 AGRIC ECONOMY FORGN	7	5.8	1.9	5.2	2.5	21	0	0	0	0	21	0	0	104	2	3	4
4600 FARM COOPERATIVES	1	0.2	0.0	0.0	0.1	10	0	0	0	0	10	0	0	0	0	0	0
4700 OTH MARKET PROCESS	6	3.8	0.4	2.0	1.2	51	0	0	0	0	51	0	8	71	0	39	0
4800 MARKETING SYSTEMS	10	3.2	1.1	0.1	2.9	83	30	0	0	0	113	4	0	40	0	0	0
6100 WEEDS	5	0.8	1.2	1.9	1.6	35	14	0	0	0	49	0	0	38	1	11	1
6200 SEED RESEARCH	10	3.2	2.0	4.1	1.5	9	17	0	0	0	25	0	0	161	1	0	6
6300 BIO CELL SYSTEMS	38	12.7	7.3	19.0	3.6	236	0	0	0	0	236	2	306	367	47	7	42
6400 EXP DESIGN/STAT METH	7	2.6	2.0	0.0	1.8	27	0	0	0	0	27	0	0	101	7	11	4
6500 INVERTEBRATES	31	18.6	17.3	20.6	9.9	129	0	0	34	0	164	32	385	499	58	26	56
6600 MICROORGANISMS,VIRUS	51	14.1	18.0	16.1	4.3	209	3	0	0	0	212	2	381	430	56	48	26
6700 PLANTS	92	39.1	15.2	24.3	14.1	363	336	0	150	0	849	36	188	1036	52	75	12
6800 ANIMALS(VERTEBRATES)	32	13.3	11.1	12.8	5.9	137	0	0	20	0	157	1	196	328	52	15	20
7000 RSCH EQUIP & TECHNOL	20	4.7	5.4	4.6	3.4	42	14	16	0	0	73	9	55	204	10	6	15
9900 UNCLASSIFIED	9	21.1	14.1	7.5	1.8	68	1	0	0	0	68	79	199	2351	4	289	108
TOTAL	3082	1003.2	793.9	656.7	438.4	1566	20298	1025	7378	36681	3286	4085	3513	76266			

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	STEN	GT	CSRS	CSRS	CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	27	9.6	13.0	8.5	10.8	96	6	7	0	0	108	4	23	399	57	12	56	660
102 SOIL PLNT WTR NUTRI	56	18.9	13.5	13.5	9.2	235	123	23	28	0	409	12	129	664	16	60	69	1358
103 MGMT OF SALINE SOIL	1	0.5	0.0	0.0	0.2	1	0	0	0	0	1	0	0	0	0	0	0	1
104 ALTERN USE OF LAND	28	9.2	14.3	2.9	4.1	102	93	30	0	3	228	19	31	160	2	36	74	551
105 CONSERV USE OF WATE	11	2.5	2.8	1.0	1.0	61	1	2	0	0	64	0	9	101	6	9	2	191
106 DRAIN AND IRRIGATIO	4	0.5	0.7	0.1	0.1	27	0	1	0	0	28	0	0	15	11	1	0	56
107 WATERSHED PROT & MG	17	4.5	4.4	2.9	1.5	21	0	68	0	3	92	15	8	110	2	1	25	253
108 ECON LEG PROB OF WA	6	2.2	0.1	0.1	1.3	17	0	1	0	0	18	7	15	50	0	0	2	92
109 WEATHER ADAPT & MOD	15	2.6	2.0	0.7	3.4	13	23	14	0	0	50	3	4	119	17	0	0	192
110 APPRAIS FORST & RAN	13	2.7	2.0	1.6	0.8	21	0	53	0	0	74	0	7	91	0	10	3	185
111 BIOL CULT MGMT FORS	62	14.4	21.6	9.6	8.3	71	6	367	0	0	444	26	4	431	10	157	59	1132
112 IMPROV RANGE RESOR	1	0.5	0.5	1.1	0.7	39	29	0	0	0	68	0	0	39	14	0	0	121
113 REMOTE SENSING	13	1.5	2.5	2.6	1.1	8	11	20	0	0	39	9	4	63	2	6	2	125
SUBTOTAL	254	69.6	77.3	44.6	42.8	712	291	586	28	7	1624	94	234	2241	137	294	291	4911
SERIES 200																		
201 CNTRL FORST INSECTS	39	16.9	14.2	11.0	5.6	36	50	200	0	0	286	94	95	463	0	131	23	1092
202 CONTROL FOREST DIS	16	6.1	5.8	3.1	1.1	35	43	55	0	0	133	1	0	171	3	28	0	337
203 FOREST FIRE PROTECT	1	0.2	0.3	0.0	0.0	0	0	0	0	0	0	0	0	0	0	11	0	11
204 CNTR PESTS FRT & VE	74	28.6	17.8	27.9	16.5	324	24	0	52	0	400	57	143	1197	32	131	28	1988
205 CNTR DISE FRT & VEG	116	43.9	17.3	40.2	20.3	458	203	22	41	0	724	62	49	1590	77	174	59	2735
206 CNTR WEEDS FRT & VE	31	8.1	6.9	7.9	6.5	174	23	0	0	0	197	7	0	331	42	42	17	635
207 CNTR PESTS FLD CROP	30	7.1	8.2	6.4	6.1	133	7	0	143	0	283	5	57	281	16	50	36	727
208 CNTR DIS FIELD CROP	49	13.9	5.2	18.3	5.6	191	53	0	0	0	244	1	33	543	19	21	63	923
209 CNTR WEEDS FLD CROP	21	5.7	5.8	5.1	3.5	95	75	0	0	0	170	16	0	176	26	28	11	427
210 CNTR PESTS ANIMALS	11	2.6	2.0	2.9	1.2	52	0	0	0	0	52	7	10	127	2	5	0	204
211 CNTR DIS ANIMALS	102	62.9	51.5	107.5	47.6	376	392	0	7	0	775	32	538	2195	292	244	330	4406
212 CNTR INTER PARASITE	10	5.0	1.8	10.0	3.0	50	0	0	0	0	50	0	0	134	34	10	0	228
213 PROT ANMLS FROM TOX	10	4.1	3.7	5.5	2.9	10	0	0	0	0	10	0	165	95	1	2	1	274
214 PROTECT FROM POLLUT	36	11.0	16.9	7.4	7.2	133	101	25	17	0	276	0	87	364	7	43	27	804
SUBTOTAL	546	216.2	157.3	253.0	127.1	2068	972	302	259	0	3601	282	1177	7665	552	919	594	14790
SERIES 300																		
301 GENET BREED FOREST T	12	4.0	4.2	4.6	1.9	25	37	98	0	0	160	11	4	86	1	30	0	292
302 IMP FOREST ENG SYS	4	2.4	1.6	2.0	0.3	28	0	31	0	0	59	0	0	30	0	0	24	113
303 ECON TIMBER PRODUCT	6	1.6	0.7	0.1	0.3	0	0	22	0	0	22	0	0	14	0	16	4	56
304 IMP BIO EFF FRT & V	161	55.5	26.5	70.9	42.4	809	163	0	0	0	973	28	9	2563	190	186	122	4070
305 MECH PROD FRT & VEG	28	9.4	4.5	8.1	4.1	137	82	0	0	0	219	0	22	354	10	10	1	617
306 PROD MGMT SYS F & V	9	2.6	1.0	1.3	1.5	55	10	0	0	0	65	3	0	46	23	0	3	141
307 IMP BIO EFF FLD CRO	111	34.3	20.3	46.1	21.7	510	88	1	160	0	759	41	43	1539	93	79	38	2592
308 MECH PROD FIELD CRP	7	2.4	2.7	0.9	0.7	33	15	0	0	0	48	0	0	63	2	13	0	126
309 PROD MGMT SYS FLD C	19	3.7	5.2	6.7	5.6	63	33	0	10	0	106	0	14	319	7	5	12	462
310 ANIMAL REPRODUCTION	42	17.0	17.0	31.5	17.0	415	73	0	0	0	487	0	276	677	126	116	48	1730
311 IMP BIO EFF ANML PR	163	55.8	41.0	97.5	76.9	1078	170	0	47	0	1295	0	486	3109	918	264	116	6188
312 ENV STRESS IN ANML	20	7.2	3.5	7.2	5.5	82	93	0	0	0	175	0	22	233	54	8	3	495
313 PROD MGMT SYS ANML	21	4.9	5.9	8.0	12.5	40	8	0	41	0	89	2	1	302	188	5	377	964
314 BEES OTH POLLNTNG I	7	2.7	0.7	0.6	2.0	46	0	0	0	0	46	3	7	88	14	3	2	162
315 IMP STRUC FARM SUPP	21	6.8	6.0	8.8	2.0	100	0	0	0	0	100	90	0	197	31	74	32	525
316 FARM BUSINESS MGMT	14	7.5	3.4	2.7	6.0	144	0	0	0	0	144	3	0	211	1	3	5	368
317 MECH/STRUCTS ANML P	9	2.1	1.8	0.6	0.1	27	1	0	0	0	28	0	0	90	4	10	5	137
318 NON-COM BIO TECH/BI	184	69.6	61.9	77.0	30.2	857	30	0	0	0	887	38	1430	2135	210	85	167	4952
SUBTOTAL	838	289.4	208.0	374.4	230.6	4450	804	152	257	0	5663	220	2313	12055	1873	908	959	23991
SERIES 400																		
401 NEW IMP FOREST PROD	38	17.1	12.8	9.5	6.5	39	0	213	0	0	252	13	134	365	4	32	41	841
402 PROD F & V IMP ACCE	40	8.5	3.9	9.4	7.8	73	21	0	0	0	95	2	0	400	7	41	11	555
403 NEW & IMP F&V PROD	47	15.6	13.3	12.7	5.6	183	11	0	0	0	193	0	49	577	25	64	0	908
404 MKT QUAL FRTS & VEG	59	20.3	13.6	20.2	17.0	295	411	0	22	0	728	1	20	776	36	73	19	1655
405 PROD FLD CROP IMP A	17	4.8	3.1	5.1	13.2	62	19	0	41	0	121	0	2	258	9	11	2	402
406 NEW IMP FOOD FLD CR	13	2.9	4.3	0.1	0.8	20	0	0	33	0	53	0	43	48	13	31	0	188
407 NEW IMP NON-FOOD FC	2	0.4	1.4	2.0	1.2	0	5	0	0	0	5	0	23	44	2	0	0	74
408 MKT QUAL FIELD CROP	5	1.6	0.5	3.5	1.2	65	0	0	0	0	65	5	0	109	3	43	5	229
409 PROD ANML PR IMP AC	18	5.1	1.9	12.7	5.5	150	0	0	0	0	150	0	82	205	17	22	1	477
410 IMP MEAT MILK EGG P	47	13.2	13.3	18.3	9.5	213	0	0	0	0	213	0	155	713	63	96	4	1245
411 IMP NON-FOOD ANML P	2	0.0	0.0	0.2	0.0	1	0	0	0	0	1	0	0	3	0	1	0	4
412 MKT QUAL ANIMAL PRO	23	6.8	3.4	8.6	3.5	236	0	0	0	0	236	5	16	219	10	96	11	593
SUBTOTAL	311	96.1	71.3	102.4	71.7	1336	467	213	95	0	2112	28	524	3717	189	508	95	7173
SERIES 500																		
501 IMP GRADES & STANDS	7	1.6	0.9	3.4	0.7	18	16	0	0	0	34	0	6	64	1	0	0	105
502 MKTG TIMBER PRODUCT	4	1.1	0.9	0.0	0.1	11	0	13	0	0	24	8	0	8	0	16	6	62
503 MKTG EFF AGRI PRODS	31	8.0	6.0	2.6	4.1	135	78	0	26	0	239	9	4	134	1	1	33	422
506 SPLY DEMAND AND PRI	22	7.0	5.5	0.8	3.6	108	121	0	0	0	230	0	0	117	0	5	1	353
507 COMP REL IN AGRIC	7	0.9	1.3	0.2	0.7	14	13	0	0	0	27	1	0	25	0	0	1	54
508 DOMESTIC MKT DEVELP	5	0.8	0.9	0.0	1.8	15	4	0	0	0	20	0	0	24	0	16	22	81
509 PERFORMANCE MKTG SY	22	8.5	3.3	2.9	5.1	161	119	0	19	0	299	12	0	113	0	24	1	449
510 GROUP ACT MKT POWER	3	0.3	0.4	0.0	0.3	10	0	0	0	0	10	0	4	3	0	0	0	18
511 IMP AGRIC STATISTIC	3	1.0	1.8	0.0	0.6	15	0	0	0	0	15	0	0	26	0	0	1	41
512 IMP GRADES FRST PRO	1	0.1	0.0	0.1	0.0	2	0	0	0	0	2	0	0	2	0	0	0	3
513 PRICE ANAL FRST PRO	2	0.3	0.4	0.0	0.1	4	0	5	0	0	9	0	0	3	0	0	1	13
SUBTOTAL	107	29.4	21.3	10.0	17.0	493	352	17	45	0	908	31	14	518	2	63	65	1601
SERIES 600																		
601 FGN MKT DEVELP	4	1.6	0.6	1.4	0.9	45	0	0	0	0	45	0	0	62	0	0	3	110
602 EVAL FGN FOOD AID P	1	0.1	0.3	0.0														

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY

PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	4	3.0	0.7	0.9	4.0	7	8	0	0	0	15	0	76	37	0	0	0	128
802 INDIV & FAM DEC MAK	16	3.0	3.4	2.0	1.2	82	10	0	15	0	107	2	20	156	21	26	1	334
803 RURAL POVERTY	1	0.6	0.0	0.6	1.0	15	0	0	0	0	15	0	17	4	0	0	0	37
804 ECON POTENT RURL PE	12	6.2	2.8	4.4	6.9	19	3	0	70	17	110	38	112	52	0	3	99	415
805 COMMUNICAT RURAL PE	40	9.8	4.0	3.0	5.6	85	0	7	128	0	220	5	124	301	49	54	44	797
806 ADJUSTMENT TO CHANG	19	4.8	0.7	1.8	5.8	96	6	0	13	0	115	2	36	166	10	57	34	422
807 AGRIC ECONOMIC CHAN	9	1.5	1.3	0.0	0.6	14	6	0	5	0	25	1	24	38	0	3	1	92
SUBTOTAL	101	28.9	12.8	12.8	25.0	319	35	7	230	17	608	48	410	754	81	145	179	2225
SERIES 900																		
901 ALLEY POLLUTION	134	53.5	54.5	50.4	26.1	656	152	25	139	0	972	34	684	1706	33	172	235	3836
902 OUTDOOR RECREATION	40	10.8	11.8	6.3	4.2	88	151	93	0	0	332	16	63	165	2	8	87	674
903 MULTI-USE-FOREST PO	17	4.9	7.4	3.9	2.0	6	0	117	0	0	123	3	1	87	1	1	74	290
904 WLDLFE AND FISH ECO	108	31.6	37.4	35.7	18.2	207	40	109	122	0	478	33	506	946	40	327	519	2849
905 TREES BEAUTIFICATIO	12	4.8	2.2	1.7	1.8	67	45	11	0	0	124	8	19	128	2	2	8	292
906 ORNAMENT & TURF DEV	122	33.0	28.2	36.0	34.9	521	113	1	0	0	635	5	43	1547	42	175	52	2500
907 RURAL INCOME IMP	27	9.4	7.3	3.2	4.4	176	32	0	26	70	305	5	36	142	2	3	4	497
908 RURAL INSTITUIT IMP	68	22.8	20.8	7.3	14.4	397	166	2	26	101	691	20	140	521	72	74	91	1610
990 UNCLASSIFIED	9	21.1	14.1	7.5	1.8	68	1	0	0	0	68	79	199	2351	4	289	108	3100
SUBTOTAL	537	191.8	183.7	152.0	107.7	2186	701	358	313	171	3729	204	1693	7592	198	1052	1179	15647
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		1003.2		1012.6		12517		1636		195		1025		36681		4085		76266

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEM	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHEE PED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
0100 SOIL AND LAND	313	101.8	67.9	113.6	91.3	939	119	79	575	0	1712	60	391	4333	296	399	718	7909
0200 WATER	196	60.1	38.3	90.6	64.9	424	237	42	339	0	1041	54	219	2424	121	427	637	4923
0300 WATERSHEDS RIVER BAS	38	11.0	6.1	17.9	7.4	52	99	15	62	0	228	0	38	416	4	43	33	763
0400 AIR AND CLIMATE	24	3.9	1.7	3.4	5.3	33	15	14	0	0	61	2	0	212	4	38	2	319
0500 RECREATION RESOURCES	39	10.3	5.3	5.3	6.1	40	13	89	43	0	186	8	30	346	24	5	75	674
0600 TIMBER FORST PRODUCT	393	148.0	120.3	140.5	120.5	322	2052360	72	1	2960	603	1310	5384	244	715	590	11806	11806
0700 RANGE	54	12.8	7.3	15.5	9.8	97	1	51	9	0	158	0	88	885	90	125	8	1355
0800 WILDLIFE AND FISH	220	83.5	58.6	75.6	69.9	512	169	260	206	0	1147	98	784	2535	215	715	700	6594
0900 CITRUS SUB TROP FRUT	133	70.0	14.7	87.2	146.6	469	50	0	18	0	536	39	140	4049	143	250	1	5158
1000 FRUIT NUTS DECIDUOUS	330	109.7	49.1	128.0	120.1	1427	95	0	199	0	1721	103	134	6206	265	197	86	8712
1100 POTATOES	35	7.9	3.7	8.8	8.3	80	0	0	4	0	84	6	0	525	32	16	0	664
1200 VEGETABLES	468	203.0	85.6	166.1	294.6	1905	229	0	566	0	2700	236	129	10295	417	424	129	14328
1300 ORNAMENTALS TURF	203	90.6	28.6	96.8	102.4	866	131	0	51	8	1055	20	31	4703	115	304	10	6237
1400 CORN	221	43.0	27.4	50.2	51.4	512	152	0	10	0	674	24	152	2439	163	91	77	3621
1500 GRAIN SORGHUM	136	22.4	9.4	20.2	24.9	224	62	0	10	0	296	33	16	1457	98	109	16	2025
1600 RICE	76	29.7	9.6	14.7	19.1	177	13	0	2	0	192	51	8	1625	103	223	13	2215
1700 WHEAT	123	22.5	8.7	13.5	16.8	312	38	0	36	0	386	4	19	1226	44	72	11	1762
1800 OTHER SMALL GRAINS	109	22.7	6.9	20.9	24.3	271	14	0	691	0	975	5	6	837	46	32	9	1910
1900 PASTURE	101	24.8	4.2	24.3	35.7	204	0	0	4	0	208	137	17	1654	85	53	58	2213
2000 FORAGE CROPS	290	93.2	30.2	106.3	119.9	1179	137	0	147	0	1463	24	93	5736	526	124	30	7997
2100 COTTON	288	94.2	50.9	88.1	99.2	977	488	0	439	2	1506	304	275	5815	510	732	345	9886
2200 COTTONSEED	10	1.7	1.3	2.9	1.5	33	0	0	23	0	56	0	0	55	0	18	0	128
2300 SOYBEANS	392	108.0	73.5	88.1	115.2	1214	485	0	458	0	2157	181	89	5416	412	593	385	9235
2400 PEANUTS	140	47.3	19.8	58.8	46.7	435	28	0	275	0	738	72	28	2647	146	237	148	4017
2500 OTHER OILSEED CROPS	16	1.5	1.1	1.7	0.6	6	0	0	8	0	14	0	0	113	11	12	0	149
2600 TOBACCO	138	53.1	36.8	73.1	88.2	668	21	0	48	0	737	43	28	3933	197	265	245	5448
2700 SUGAR CROPS	66	37.1	7.7	15.8	116.6	648	21	0	0	0	670	21	45	1731	157	172	0	2796
2800 MISC NEW CROPS	42	8.2	3.5	4.6	26.6	99	66	0	6	0	170	0	12	305	53	11	3	555
2900 POULTRY	293	95.3	64.8	155.4	119.6	1725	368	0	425	48	2565	138	183	6090	371	328	95	9770
3000 BEEF CATTLE	499	170.0	63.9	171.8	249.9	2588	949	0	825	0	4363	295	65	13914	1732	608	110	21087
3100 DAIRY CATTLE	327	116.2	54.6	119.6	211.2	2178	425	0	263	0	2867	69	97	8170	1524	355	177	13258
3200 SWINE	190	57.2	34.8	68.8	91.1	1022	163	0	318	0	1503	69	63	4363	511	234	94	6837
3300 SHEEP AND WOOL	82	14.8	10.5	19.8	19.7	311	36	0	22	0	369	30	20	1112	74	142	24	1771
3400 OTHER ANIMALS	109	30.7	17.3	53.8	22.4	459	2	0	192	0	652	74	103	1620	96	113	63	2721
3500 BEES AND HONEY	5	2.0	0.7	1.9	0.3	22	0	0	0	0	22	12	0	63	0	0	1	98
3600 FARM SUPP & FACILITS	26	10.6	1.8	4.3	3.4	95	8	0	285	0	387	0	0	253	12	1	16	669
3700 CLOTHING & TEXTILES	24	6.6	2.9	2.8	3.4	51	53	0	64	0	168	18	0	107	0	0	3	296
3800 FOOD	134	45.1	19.1	57.0	38.7	507	407	0	844	0	1758	35	80	1143	16	82	39	3153
3900 HOUSING & EQUIP	59	17.2	6.7	13.4	11.5	90	79	12	194	3	378	28	49	629	17	17	18	1136
4000 PEOPLE AS INDIVIDUAL	231	58.7	28.8	46.6	56.1	729	185	0	1433	88	2435	16	222	1425	37	49	32	4216
4100 FAMILY MEMBERS	75	18.3	8.7	3.9	12.3	202	36	0	394	15	648	3	2	277	3	2	4	939
4200 FARM AS BUSINESS	68	25.8	4.9	7.8	25.7	458	23	0	117	0	598	76	18	680	16	25	2	1415
4300 SOC POLIT ORGANIZ	131	37.2	27.4	11.2	37.7	547	201	0	424	188	1360	10	24	767	8	16	20	2205
4400 AGRIC ECONOMY U S	21	9.5	2.7	4.1	12.8	90	0	0	17	0	107	13	17	366	1	11	26	541
4600 FARM COOPERATIVES	14	2.7	2.8	0.5	3.9	42	0	0	129	0	171	16	0	56	0	2	0	246
4700 OTH MARKET PROCESS	16	2.2	1.5	2.0	3.3	44	8	0	0	0	52	0	8	95	1	20	2	176
4800 MARKETING SYSTEMS	23	8.0	2.2	4.8	6.4	89	81	1	123	0	294	51	0	194	3	10	0	552
6100 WEEDS	21	3.8	3.3	3.0	1.7	38	0	0	31	0	69	1	38	142	3	10	16	278
6200 SEED RESEARCH	4	0.7	0.0	2.2	1.7	37	0	0	0	0	37	5	0	44	1	18	0	105
6300 BIO CELL SYSTEMS	36	12.1	10.3	12.6	3.2	102	5	0	13	0	120	0	395	495	5	15	40	1070
6400 EXP DESIGN/STAT METH	10	6.2	2.7	7.4	4.7	22	0	0	0	0	22	10	33	426	1	6	15	512
6500 INVERTEBRATES	61	23.2	12.7	27.1	12.9	151	0	0	12	0	163	5	258	1009	22	62	15	1535
6600 MICROORGANISMS,VIRUS	46	24.8	10.2	54.4	12.4	132	26	0	37	0	196	12	678	960	0	91	125	2061
6700 PLANTS	160	55.1	47.4	60.1	64.6	652	182	2	304	0	1140	85	279	2833	133	391	521	5382
6800 ANIMALS (VERTEBRATES)	65	15.9	17.3	20.8	18.4	198	54	2	24	0	278	14	364	824	11	39	33	1563
6900 RESEARCH ON RSCH MGM	8	5.6	1.2	0.4	0.5	21	148	7	0	0	176	0	32	162	0	6	1	377
7000 RSCH EQUIP & TECHNOL	17	4.3	2.7	0.9	1.6	2	1	8	0	0	11	0	137	145	0	10	17	320
9900 UNCLASSIFIED	15	62.4	2.0	4.1	2.2	179	96	29	0	0	304	285	240	1559	821	144	1609	4962
TOTAL	7366	2463.9	1244.0	2475.3	2887.0	26907	6425	10790	47445	3499	7491	127625	9937	7448	212652			

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APP30	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	52	21.6	27.2	17.4	14.9	254	0	19	36	0	309	0	39	976	22	134	306	1787
102 SOIL PLNT WTR NUTRI	165	48.3	23.7	67.0	55.4	370	70	28	146	0	614	38	173	2388	252	146	319	3930
103 MGMT OF SALINE SOIL	11	3.4	0.6	3.2	5.5	15	0	0	0	0	15	29	0	242	7	12	3	308
104 ALTERN USE OF LAND	38	10.9	3.6	5.3	4.8	163	0	10	0	0	174	1	36	312	18	74	5	620
105 CONSERV USE OF WATE	67	13.4	5.4	12.3	8.5	95	6	6	0	0	107	9	69	770	25	37	56	1072
106 DRAIN AND IRRIGATION	20	6.2	1.5	6.7	5.1	39	7	0	7	0	52	0	1	271	17	11	0	352
107 WATERSHED PROT & MG	37	9.6	20.9	45.4	14.9	42	95	46	0	0	183	123	47	458	4	221	594	1629
108 ECON LEG PROB OF WA	10	4.9	1.8	1.8	3.9	43	0	0	0	0	43	0	0	157	1	1	5	206
109 WEATHER ADAPT & MOD	18	2.9	0.7	3.0	4.5	17	3	14	15	0	49	1	0	141	3	18	2	215
110 APPRAIS FORST & RAN	30	7.2	4.8	2.4	3.5	17	3	98	0	0	118	1	12	270	16	4	0	421
111 BIOL CULT MGMT FORS	120	37.2	29.0	36.1	33.5	80	0	808	27	0	915	54	75	1512	126	118	186	2985
112 IMPROV RANGE RESOR	42	10.6	7.2	13.9	3.9	82	0	51	9	0	143	0	79	718	84	102	7	1133
113 REMOTE SENSING	7	2.9	2.8	0.6	1.9	1	1	42	0	0	44	0	134	62	4	4	16	263
114 RSCH ON MGMT OF RSC	8	5.6	1.2	0.4	0.5	21	148	7	0	0	176	0	32	162	0	6	1	377
SUBTOTAL	626	184.8	130.3	215.4	166.0	1238	3331	129	241	0	2940	256	697	8439	579	888	1500	15298
SERIES 200																		
201 CNTRL FORST INSECTS	67	20.7	17.3	22.4	12.8	90	42	138	16	0	286	246	887	649	11	16	48	2143
202 CONTROL FOREST DIS	50	18.5	10.0	12.8	12.3	29	57	297	27	1	410	20	92	549	11	40	5	1128
203 FOREST FIRE PROTECT	11	0.9	1.5	2.9	0.8	0	0	0	0	0	0	33	30	33	1	0	0	98
204 CNTR PESTS FRT & VE	110	44.1	14.6	45.4	51.8	439	39	0	163	0	640	131	34	2178	60	125	58	3227
205 CNTR DISE FRT & VEG	232	76.7	27.4	84.6	107.1	697	12	0	78	0	786	101	21	4275	118	144	53	5498
206 CNTR WEEDS FRT & VE	57	20.2	12.5	17.4	26.8	216	3	0	62	0	281	1	47	920	19	104	9	1382
207 CNTR PESTS FLD CROP	232	76.5	43.4	84.3	68.1	964	340	0	115	2	1422	264	324	3713	236	497	248	6704
208 CNTR DIS FIELD CROP	290	97.9	52.0	92.4	103.8	1152	202	0	301	0	1655	139	37	4430	217	415	235	7128
209 CNTR WEEDS FLD CROP	126	44.0	30.9	28.9	54.7	483	108	0	78	0	669	58	18	2398	239	510	167	4059
210 CNTR PESTS ANIMALS	39	16.4	5.3	10.0	4.9	213	1	0	45	48	307	166	28	656	3	81	28	1270
211 CNTR DIS ANIMALS	130	65.2	14.2	77.0	37.8	775	37	0	125	0	937	226	26	3729	143	90	99	5250
212 CNTR INTER PARASITE	40	13.5	3.7	21.5	18.0	201	9	0	13	0	223	0	42	1032	52	301	13	1663
213 PROT ANMLS FROM TOX	24	6.6	7.5	11.4	6.1	40	74	0	0	0	114	10	79	507	16	41	13	780
214 PROTECT FROM POLLUT	61	13.2	15.4	18.0	11.5	118	10	0	178	0	307	114	157	431	12	225	49	1294
SUBTOTAL	1469	514.5	255.6	528.9	516.5	5418	934	435	1201	51	8039	1508	1823	25502	1139	2589	1025	41624
SERIES 300																		
301 GENET BREED FORST T	44	15.6	24.1	12.5	21.9	13	65	354	0	0	432	2	2	600	54	308	11	1410
302 IMP FOREST ENG SYS	9	2.8	4.3	7.6	3.5	0	0	50	0	0	50	4	0	156	4	62	21	296
303 ECON TIMBER PRODUCT	12	9.0	1.1	3.9	3.8	0	0	91	0	0	91	66	45	266	4	13	153	638
304 IMP BIO EFF FRT & V	393	151.1	48.8	150.7	246.5	1136	123	0	388	0	1647	87	148	8983	432	263	40	11600
305 MECH PROD FRT & VEG	72	18.9	9.2	22.0	19.8	197	0	0	0	0	197	30	4	1011	19	136	11	1408
306 PROD MGMT SYS F & V	29	11.2	3.4	8.4	23.2	124	0	0	8	0	132	4	1	657	27	11	2	835
307 IMP BIO EFF FLD CRP	708	285.8	122.2	295.5	451.8	2715	636	0	1013	0	4364	230	339	19945	1512	988	986	28364
308 MECH PROD FIELD CRO	59	16.4	11.0	12.9	19.0	186	66	0	35	0	288	50	13	877	53	166	33	1478
309 PROD MGMT SYS FLD C	75	21.7	7.7	19.4	29.6	296	28	0	61	0	385	33	6	1229	170	65	52	1941
310 ANIMAL REPRODUCTION	171	66.3	30.1	88.6	102.9	1097	394	0	338	0	1829	44	53	5214	848	146	133	8267
311 IMP BIO EFF ANML PR	499	179.5	89.2	248.9	349.3	3124	745	0	860	0	4729	75	176	16641	2201	774	193	24789
312 ENV STRESS IN ANML	63	15.8	7.6	18.5	24.2	236	35	0	14	0	285	28	71	1074	181	22	7	1669
313 PROD MGMT SYS ANML	112	27.3	16.6	26.4	62.2	423	25	0	183	0	630	17	19	2493	565	35	12	3770
314 BEES OTH POLLNTNG I	5	2.0	0.7	1.9	0.3	22	0	0	0	0	22	12	0	63	0	0	1	98
315 IMP STRUC FARM SUPP	29	11.3	1.0	8.6	5.7	86	4	0	284	0	373	26	17	393	10	12	10	841
316 FARM BUSINESS MGMT	56	21.6	4.2	5.5	22.2	399	22	0	64	0	486	66	18	613	15	25	2	1226
317 MECH/STRUCTS ANML P	31	5.5	3.0	6.2	9.6	45	8	0	1	0	54	43	0	391	29	24	7	549
318 NON-COM BIO TECH/BI	211	94.1	73.8	140.0	64.0	697	46	3	100	0	847	77	1663	4444	47	395	227	7699
SUBTOTAL	2578	955.9	458.0	1077.5	1459.5	10797	2196	498	3349	0	16840	895	2574	65050	6172	3444	1901	96877
SERIES 400																		
401 NEW IMP FOREST PROD	47	25.6	19.3	32.6	14.7	36	0	386	2	0	423	18	94	1003	14	95	122	1768
402 PROD F & V IMP ACCE	91	16.1	12.5	18.9	20.1	229	4	0	14	0	247	5	0	1029	47	29	2	1359
403 NEW & IMP F&V PROD	63	23.7	12.8	23.4	39.7	451	17	0	13	0	481	3	59	1148	104	44	11	1851
404 MKT QUAL FRTS & VEG	44	14.1	6.7	17.2	19.6	288	23	0	0	0	311	15	1	530	29	17	1	903
405 PROD FLD CROP IMP A	101	27.0	9.5	24.6	26.1	318	2	0	244	0	564	9	22	1435	151	71	33	2284
406 NEW IMP FOOD FLD CR	34	10.5	2.8	12.2	5.6	174	0	0	132	0	306	0	1	536	6	10	10	868
407 NEW IMP NON-FOOD FCP	22	7.9	2.8	2.8	18.5	160	9	0	13	0	182	0	9	302	44	3	0	541
408 MKT QUAL FIELD CROP	24	6.9	0.5	4.1	3.4	101	0	0	9	0	110	0	4	256	1	7	1	379
409 PROD ANML PR IMP AC	56	11.3	7.2	11.4	11.4	267	34	0	169	0	470	24	43	564	78	30	7	1216
410 IMP MEAT MILK EGG P	92	31.3	30.8	30.4	37.5	860	49	0	62	0	972	17	99	1306	50	112	87	2643
411 IMP NON-FOOD ANML P	6	1.0	0.0	0.2	7.0	18	0	0	0	0	18	0	4	175	0	1	0	198
412 MKT QUAL ANIMAL PRO	39	9.7	9.3	10.9	12.8	205	16	0	39	0	260	0	11	543	4	50	4	871
SUBTOTAL	619	185.0	114.2	188.6	216.4	3107	153	386	696	0	4343	91	347	8828	527	470	276	14882
SERIES 500																		
501 IMP GRADES & STANDS	37	12.4	4.9	9.0	16.3	241	36	0	0	0	276	11	0	519	56	64	19	946
502 MKTG TIMBER PRODUCT	13	2.7	1.2	1.4	2.6	18	38	12	0	0	67	3	17	56	0	9	0	152
503 MKTG EFF AGRI PRODS	89	21.5	8.2	11.6	15.5	387	195	0	123	0	705	30	74	475	5	9	18	1316
506 SPLY DEMAND AND PRI	71	18.3	5.8	15.6	21.0	338	383	0	11	0	732	16	6	420	6	4	1	1185
507 COMP REL IN AGRIC	23	3.6	0.6	0.6	2.7	73	41	0	0	0	114	16	0	81	1	0	0	212
508 DOMESTIC MKT DEVELP	27	4.6	0.7	2.0	4.9	84	41	0	0	0	126	1	0	110	6	0	0	244
509 PERFORMANCE MKTG SY	59	19.7	6.1	5.3	17.0	361	283	1	34	0	678	77	1	447	4	10	0	1217
510 GROUP ACT MKT POWER	11	2.7	3.7	0.1	3.4	29	1	0	129	0	159	0	0	55	0	21	2	237
511 IMP AGRIC STATISTIC	4	0.9	0.1	0.0														

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY

PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
			PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	17	7.4	4.9	5.8	4.7	41	97	0	90	3	230	0	0	159	0	0	1	39
802 INDIV & FAM DEC MAK	51	11.4	5.4	5.9	7.0	137	41	0	150	5	333	4	1	200	1	5	0	543
803 RURAL POVERTY	25	7.0	5.0	2.1	9.1	74	17	0	171	28	290	0	0	144	4	1	4	443
804 ECON POTENT RURL FE	57	10.1	5.0	3.2	10.4	142	41	0	237	59	480	1	15	174	2	5	0	676
805 COMMUNICAT RURAL FE	20	4.1	2.6	0.7	1.7	48	0	0	115	0	162	0	0	359	19	6	0	547
806 ADJUSTMENT TO CHANG	55	12.1	7.3	7.8	15.0	259	25	0	252	0	535	5	1	271	2	3	1	819
807 AGRIC ECONOMIC CHAN	35	12.2	3.7	7.1	15.3	127	1	0	69	0	197	23	16	371	2	12	26	646
808 GOV'T PROGRAMS	9	2.5	0.0	0.5	3.6	75	0	0	0	0	75	0	0	83	0	0	0	158
SUBTOTAL	269	66.9	33.9	33.0	66.8	902	221	0	1084	96	2303	33	33	1760	30	32	33	4224
SERIES 900																		
901 ALLEV POLLUTION	213	81.4	47.6	92.9	81.0	704	477	50	928	0	2160	47	472	2841	187	340	143	6190
902 OUTDOOR RECREATION	34	10.1	4.3	5.2	5.9	40	13	84	43	0	181	8	30	329	23	3	63	637
903 MULTI-USE-FOREST PO	28	4.1	2.4	6.6	4.7	0	0	90	0	0	90	58	2	177	5	19	6	358
904 WDLPE AND FISH ECO	185	72.8	50.7	65.6	62.7	387	164	220	189	0	960	74	744	2536	213	589	653	5769
905 TREES BEAUTIFICATIO	17	3.1	1.0	1.1	2.0	42	0	0	40	0	82	0	0	118	0	1	0	201
906 ORNAMENT & TURF DEV	200	90.0	28.6	96.6	101.9	858	131	0	11	8	1007	20	31	4689	115	303	10	6175
907 RURAL INCOME IMP	74	18.7	11.5	5.4	16.5	253	86	0	354	75	768	1	7	308	7	2	16	1110
908 RURAL INSTITUT IMP	82	21.5	16.9	8.1	25.1	330	112	0	246	124	812	9	24	484	5	15	4	1353
990 UNCLASSIFIED	15	62.4	2.0	4.1	2.2	179	96	29	0	0	304	285	240	1559	821	144	1609	4962
SUBTOTAL	848	364.1	164.8	285.6	302.1	2793	1080	474	1811	207	6365	503	1551	13042	1376	1416	2504	26755
SCIENCE IN SERV OF MAN	7109		1244.0		2887.0		6425		10790		47445		7491		9937		7448	
GRAND TOTAL		2463.9		2475.3		26907		2970		353		3499		127625		9207		212652

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	STEN	GT	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
			PROF	TECH	OTHER													
0100 SOIL AND LAND	356	109.0	124.9	68.3	68.1	1218	344	102	33	59	1756	220	1188	4887	631	1125	211	10017
0200 WATER	217	45.1	50.3	41.5	30.0	379	151	18	15	0	563	30	798	2032	354	398	159	4336
0300 WATERSHEDS RIVER BAS	38	9.9	11.5	5.0	8.2	101	1	14	0	5	121	47	387	347	39	8	12	962
0400 AIR AND CLIMATE	43	13.6	20.9	8.0	14.4	165	126	8	0	0	298	127	196	636	48	138	19	1463
0500 RECREATION RESOURCES	55	13.3	12.0	8.1	6.6	98	72	61	0	14	245	12	119	525	3	22	29	956
0600 TIMBER FORST PRODUCT	305	96.5	81.3	67.2	54.9	309	641	439	0	0	1812	215	168	4056	210	507	155	7124
0700 RANGE	46	13.2	9.4	6.8	6.4	123	9	5	0	0	137	22	26	537	86	19	78	905
0800 WILDLIFE AND FISH	121	25.9	46.8	21.2	13.6	162	11	25	0	0	218	12	514	1346	26	372	45	2533
0900 CITRUS SUB TROP FRUT	1	0.3	0.3	0.0	0.2	0	3	0	0	0	3	0	3	9	2	3	0	20
1000 FRUIT NUTS DECIDUOUS	141	51.9	42.3	45.7	45.0	618	46	0	10	0	675	23	63	2905	141	242	38	4087
1100 POTATOES	88	22.9	24.6	22.4	9.0	282	176	0	0	0	459	2	19	1187	72	133	37	1908
1200 VEGETABLES	228	59.0	64.5	47.5	25.4	927	31	0	47	0	1005	3	265	2899	88	360	41	4660
1300 ORNAMENTALS TURF	121	41.2	27.3	42.7	20.3	492	12	0	19	0	523	28	13	2479	43	230	74	3391
1400 CORN	396	99.1	119.9	84.2	92.8	1366	357	0	40	0	1762	266	719	4927	609	1064	114	9462
1500 GRAIN SORGHUM	122	26.1	32.5	31.3	22.0	242	68	0	0	0	310	28	85	1209	329	83	31	2075
1600 RICE	10	4.3	6.9	4.9	3.7	8	0	0	0	0	8	0	2	332	0	0	0	342
1700 WHEAT	295	70.8	84.9	79.9	38.7	755	230	0	47	1	1033	152	256	3306	403	431	133	5714
1800 OTHER SMALL GRAINS	137	29.6	26.8	26.6	21.3	504	17	0	3	0	523	10	22	1484	92	693	47	2872
1900 PASTURE	38	7.0	4.8	10.3	11.9	86	43	0	15	0	144	10	0	617	77	21	2	871
2000 FORAGE CROPS	228	54.2	58.6	54.2	45.9	674	363	0	53	0	1089	107	345	2816	349	264	40	5009
2100 COTTON	9	4.6	2.1	3.0	3.4	48	2	0	1	0	51	0	0	168	35	44	0	298
2300 SOYBEANS	312	81.4	99.3	54.6	51.8	1026	253	0	320	0	1599	146	254	3675	352	843	140	7010
2400 PEANUTS	1	0.0	0.2	0.0	0.0	2	0	0	0	0	2	0	0	2	0	0	0	4
2500 OTHER OILSEED CROPS	43	7.4	7.7	4.2	2.7	73	6	0	0	0	79	26	19	337	17	21	8	506
2600 TOBACCO	5	1.6	0.7	1.1	0.4	10	0	0	0	0	10	0	0	95	1	3	0	109
2700 SUGAR CROPS	36	5.8	4.8	6.4	2.4	60	5	0	2	0	66	0	0	349	31	102	3	552
2800 MISC NEW CROPS	29	8.4	3.7	7.2	5.9	60	36	0	0	0	96	22	54	345	18	102	15	653
2900 POULTRY	192	56.1	53.6	79.0	57.1	1012	472	0	0	0	1485	43	325	3246	490	153	96	5839
3000 BEEF CATTLE	353	95.4	116.5	191.2	149.6	1704	495	2	181	4	2386	865	155	7252	5509	509	50	16726
3100 DAIRY CATTLE	340	106.0	142.7	115.5	139.8	2015	559	0	68	0	2643	176	1097	6943	1322	783	113	13077
3200 SWINE	278	84.4	83.0	115.9	145.5	1562	400	0	263	0	2225	385	335	5423	2865	838	32	12103
3300 SHEEP AND WOOL	117	23.3	20.5	31.8	21.7	305	102	2	35	0	445	61	64	1911	461	85	9	3036
3400 OTHER ANIMALS	106	22.8	30.0	13.5	22.6	247	29	0	15	0	290	10	350	1098	173	128	13	2063
3500 BEES AND HONEY	10	4.7	2.1	0.3	1.5	7	0	0	0	0	7	0	0	217	3	0	8	235
3600 FARM SUPP & FACILITS	46	10.7	7.9	9.0	8.0	146	22	0	2	0	170	22	111	497	218	79	6	1103
3700 CLOTHING & TEXTILES	20	7.2	6.3	0.9	3.8	139	0	0	0	0	139	0	0	215	0	7	1	362
3800 FOOD	165	45.7	72.7	39.3	31.2	784	163	0	127	0	1073	148	733	1761	47	174	187	4122
3900 HOUSING & EQUIP	67	15.1	11.5	5.2	4.8	137	69	4	0	10	220	115	176	591	5	67	7	1181
4000 PEOPLE AS INDIVIDUAL	197	49.4	67.1	27.9	34.8	484	166	0	329	65	1044	3	789	2002	30	111	47	4026
4100 FAMILY MEMBERS	86	18.1	25.2	4.8	15.2	210	165	0	61	15	452	1	0	810	16	8	35	1321
4200 FARM AS BUSINESS	65	18.8	17.2	7.4	17.1	463	2	0	2	0	468	23	25	601	28	11	11	1168
4300 SOC POLIT ORGANIZ	148	40.3	46.1	7.0	23.7	514	155	11	94	183	956	38	98	1486	22	180	6	2787
4400 AGRIC ECONOMY U S	48	13.0	23.1	4.3	10.6	217	57	0	32	0	306	77	112	643	41	32	9	1220
4500 AGRIC ECONOMY FORGN	13	3.7	7.7	1.2	4.6	45	0	0	0	0	45	462	0	138	36	24	95	800
4600 FARM COOPERATIVES	18	3.2	4.7	1.2	3.1	113	46	0	0	0	158	7	35	58	4	3	0	265
4700 OTH MARKET PROCESS	11	1.8	2.7	1.2	1.5	36	13	1	0	0	52	5	44	45	6	4	0	156
4800 MARKETING SYSTEMS	46	10.5	13.2	2.1	9.0	191	151	0	14	0	355	60	72	281	5	8	7	789
6100 WEEDS	9	1.0	0.4	1.8	0.2	21	0	0	0	0	21	0	26	57	3	11	0	118
6200 SEED RESEARCH	2	1.2	4.0	4.1	4.3	2	0	0	0	0	2	0	5	5	339	0	1	352
6300 BIO CELL SYSTEMS	84	33.4	63.1	20.4	23.2	228	9	0	0	0	237	4	1629	1141	39	79	100	3230
6400 EXP DESIGN/STAT METH	25	10.2	6.7	5.5	5.3	101	2	4	0	0	107	233	56	418	26	2	5	847
6500 INVERTEBRATES	45	17.5	20.0	7.9	8.4	222	4	0	0	0	226	0	408	657	24	36	98	1448
6600 MICROORGANISMS, VIRUS	71	27.0	42.7	13.3	14.1	158	35	0	2	0	196	24	1010	1114	7	86	88	2524
6700 PLANTS	151	57.6	51.3	41.0	51.9	620	24	1	155	0	800	38	534	3692	368	333	52	5816
6800 ANIMALS (VERTEBRATES)	114	38.3	41.9	46.0	44.6	387	94	0	22	0	502	16	940	2010	394	242	496	4601
6900 RESEARCH ON RSCH MGM	10	2.7	0.9	1.2	0.9	6	0	0	9	0	15	34	0	85	0	0	0	133
7000 RSCH EQUIP & TECHNOL	36	8.9	9.7	10.6	5.5	75	35	37	0	0	147	25	260	352	13	30	48	875
9900 UNCLASSIFIED	14	38.2	13.3	2.7	45.9	518	79	11	0	65	672	211	321	1266	1073	417	1484	5444
TOTAL	6308		1376.9		1514.6		5774		2015		32432		15224		17627		4535	
		1768.2		1565.4		22478		1743		422		4592		89523		11667		175601

SAES REGION 3 NORTH CENTRAL REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	63	22.5	20.9	8.5	11.6	186	85	5	0	11	287	7	169	951	180	80	91	1765
102 SOIL PLNT WTR NUTRI	166	48.9	51.3	35.8	29.6	570	90	84	0	0	744	19	371	2519	437	385	33	4507
103 MGMT OF SALINE SOIL	6	1.5	1.6	1.1	0.4	0	0	0	0	0	0	0	0	98	9	1	1	110
104 ALTERN USE OF LAND	64	19.9	19.0	7.1	10.9	238	39	12	0	48	337	43	340	550	19	295	66	1650
105 CONSERV USE OF WATE	61	14.2	8.8	14.7	9.5	73	19	2	0	0	99	0	237	635	163	76	17	1227
106 DRAIN AND IRRIGATIO	31	7.4	4.7	7.0	3.1	82	0	0	0	0	82	4	76	372	174	18	131	857
107 WATERSHED PROT & MG	40	13.6	14.5	6.4	7.9	173	1	15	0	5	195	74	409	482	40	57	17	1274
108 ECON LEG PROB OF WA	15	3.5	6.5	0.8	2.8	53	0	0	0	0	53	0	92	119	0	4	0	268
109 WEATHER ADAPT & MOD	37	12.0	19.7	7.5	13.9	155	118	8	0	0	281	128	163	589	48	133	20	1362
110 APPRAIS FORST & RAN	33	5.3	3.9	3.9	3.3	1	1	0	72	0	74	22	29	192	1	24	29	370
111 BIOL CULT MGMT FORS	102	28.8	27.8	23.3	16.5	71	19	443	0	0	533	44	41	1678	154	138	56	2445
112 IMPROV RANGE RESOR	27	7.1	5.7	4.7	3.2	55	9	1	0	0	65	8	3	337	60	11	48	532
113 REMOTE SENSING	22	3.3	3.3	5.7	2.5	24	0	37	0	0	61	25	317	106	8	7	9	533
114 RSCH ON MGMT OF RSC	10	2.7	0.9	1.2	0.9	6	0	0	9	0	15	34	0	85	0	0	0	133
SUBTOTAL	677	190.6	188.6	127.8	116.1	1686	380	686	9	64	2825	407	2248	8513	1293	1228	519	17033
SERIES 200																		
201 CNTRL FORST INSECTS	35	7.2	14.1	4.6	2.9	32	7	132	0	0	170	17	12	293	8	22	17	540
202 CONTROL FOREST DIS	38	6.0	10.7	5.7	2.7	60	0	116	0	0	176	4	16	289	1	16	25	526
203 FOREST FIRE PROTECT	1	0.2	0.3	0.0	0.0	0	0	0	0	0	0	0	0	25	0	0	0	25
204 CNTR PESTS FRT & VE	51	13.9	18.3	10.4	9.0	161	15	0	26	0	202	18	97	679	10	137	45	1188
205 CNTR DISE FRT & VEG	113	34.4	33.4	21.9	14.1	379	30	0	8	0	418	4	71	1426	38	195	7	2158
206 CNTR WEEDS FRT & VE	27	8.3	6.7	8.0	2.7	80	3	0	1	0	83	0	11	377	11	74	12	569
207 CNTR PESTS FLD CROP	122	44.2	54.3	24.0	33.9	612	171	0	45	0	827	121	514	1969	118	298	11	3858
208 CNTR DIS FIELD CROP	206	67.0	64.6	51.3	31.1	823	246	0	63	0	1132	48	143	3069	96	458	71	5018
209 CNTR WEEDS FLD CROP	75	19.3	31.4	27.9	16.9	264	32	0	2	1	298	21	3	1318	279	317	8	2246
210 CNTR PESTS ANIMALS	23	5.5	3.3	2.6	6.5	45	0	0	0	0	45	16	1	283	66	28	0	440
211 CNTR DIS ANIMALS	172	59.7	53.0	86.4	64.0	650	368	0	61	0	1079	306	441	4176	396	300	87	6785
212 CNTR INTER PARASITE	22	6.4	4.6	8.4	3.5	59	14	0	0	0	73	0	0	383	31	83	40	610
213 PROT ANMLS FROM TOX	32	5.5	5.7	7.5	4.8	68	54	0	0	0	122	0	73	255	54	79	1	584
214 PROTECT FROM POLLUT	73	14.4	14.9	12.9	10.2	129	31	46	0	0	207	31	198	630	9	177	16	1267
SUBTOTAL	990	292.0	315.1	271.6	202.3	3362	972	294	205	1	4834	586	1581	15170	1118	2184	340	25813
SERIES 300																		
301 GENET BREED FORST T	42	9.4	8.8	10.5	10.5	40	31	291	0	0	362	11	0	415	15	35	6	844
302 IMP FOREST ENG SYS	3	0.7	0.5	0.1	0.0	3	0	16	0	0	19	0	0	17	0	0	0	36
303 ECON TIMBER PRODUCT	13	3.6	2.2	1.7	3.5	0	0	68	0	0	68	20	0	144	7	2	23	264
304 IMP BIO EFF FRT & V	165	55.3	51.5	52.4	42.5	676	85	0	48	0	809	4	148	3669	165	236	38	5068
305 MECH PROD FRT & VEG	20	4.9	1.2	4.9	1.8	93	0	0	0	0	93	0	0	343	3	5	0	444
306 PROD MGMT SYS F & V	16	2.2	0.7	2.6	0.7	43	0	0	0	0	43	0	0	145	11	7	0	206
307 IMP BIO EFF FLD CRO	459	196.5	202.9	206.4	181.9	1998	419	0	309	0	2726	358	600	11543	1636	2006	240	19110
308 MECH PROD FIELD CRP	34	8.4	10.2	7.1	5.1	94	44	0	0	0	138	15	91	464	35	74	43	861
309 PROD MGMT SYS FLD C	64	13.0	8.5	8.9	13.3	145	20	0	2	0	167	69	18	686	139	86	44	1209
310 ANIMAL REPRODUCTION	135	47.8	67.3	89.2	85.7	795	277	0	231	0	1303	322	723	3175	1748	184	123	7577
311 IMP BIO EFF ANML PR	407	153.2	177.6	273.4	253.0	2561	812	4	134	0	3511	666	838	12342	6674	1397	222	25651
312 ENV STRESS IN ANML	55	18.1	15.4	20.9	22.1	324	73	0	0	0	397	45	11	1241	280	165	67	2207
313 PROD MGMT SYS ANML	100	19.8	21.0	15.7	40.0	228	116	0	2	0	347	65	19	1771	881	96	55	3234
314 BEES OTH POLLNTNG I	10	4.7	2.1	0.3	1.5	7	0	0	0	0	7	0	0	217	3	0	8	235
315 IMP STRUC FARM SUPP	47	13.4	10.4	11.3	8.3	147	2	0	0	0	150	107	8	647	218	62	6	1197
316 FARM BUSINESS MGMT	51	14.3	14.0	6.5	14.4	387	1	0	2	0	390	14	25	453	27	4	1	913
317 MECH/STRUCTS ANML P	23	3.5	4.1	1.6	2.9	59	3	0	14	0	76	7	20	166	18	18	0	306
318 NON-COM BIO TECH/BI	292	113.6	173.3	81.3	66.1	912	82	5	0	0	998	29	3808	4646	514	317	343	10655
SUBTOTAL	1936	682.3	771.4	794.7	753.2	8513	1966	383	743	0	11605	1731	6310	42084	12373	4694	1218	80016
SERIES 400																		
401 NEW IMP FOREST PROD	33	26.9	6.5	6.1	11.0	92	0	167	0	0	259	64	34	765	10	227	5	1364
402 PROD F & V IMP ACCC	40	9.2	7.3	8.4	3.4	119	7	0	0	0	125	2	0	441	5	46	17	636
403 NEW & IMP FGV PROD	37	9.2	7.8	6.1	4.2	246	56	0	0	0	301	10	0	288	15	53	8	674
404 MKT QUAL FRTS & VEG	27	5.3	8.5	6.1	3.6	119	60	0	18	0	197	0	0	208	9	31	0	446
405 PROD FLD CROP IMP A	74	21.1	21.7	19.0	18.3	281	57	0	0	0	338	44	52	746	109	206	36	1531
406 NEW IMP FOOD FLD CR	69	21.1	36.6	21.3	12.6	386	89	0	51	0	526	60	202	707	146	146	44	1832
407 NEW IMP NON-FOOD FC	19	6.1	8.3	4.1	3.0	30	29	0	0	0	60	0	92	207	31	32	9	430
408 MKT QUAL FIELD CROP	45	11.3	8.8	7.9	6.8	215	17	0	0	0	232	92	28	424	38	38	8	861
409 PROD ANML PR IMP AC	61	15.1	19.2	13.2	19.0	547	60	0	65	0	673	22	49	788	433	46	40	2050
410 IMP MEAT MILK EGG P	107	33.4	38.5	30.9	23.0	777	58	0	0	0	834	43	127	1190	241	156	35	2626
411 IMP NON-FOOD ANML P	4	0.2	0.4	0.3	0.2	4	0	0	0	0	4	0	0	14	1	0	0	20
412 MKT QUAL ANIMAL PRO	40	10.5	10.8	7.8	9.9	264	32	0	0	0	297	6	13	352	218	18	31	934
SUBTOTAL	556	169.4	174.1	131.0	114.9	3081	466	167	134	0	3847	343	598	6131	1256	999	231	13404
SERIES 500																		
501 IMP GRADES & STANDS	16	2.6	4.4	1.3	3.9	66	7	0	0	0	74	0	0	107	7	24	9	221
502 MKTG TIMBER PRODUCT	5	1.0	0.0	0.4	1.3	8	0	11	0	0	18	8	0	20	0	7	0	53
503 MKTG EFF AGRI PRODS	74	17.0	28.1	5.6	17.5	468	149	0	13	0	629	80	127	401	16	323	28	1604
506 SPLY DEMAND AND PRI	40	9.3	10.2	3.7	11.3	222	22	0	0	4	248	78	40	343	4	14	12	738
507 COMP REL IN AGRIC	17	2.0	2.1	0.4	1.1	59	24	0	17	0	99	0	17	54	7	4	6	189
508 DOMESTIC MKT DEVELP	10	0.9	0.9	0.5	1.0	33	0	0	0	0	33	0	0	28	6	2	3	72
509 PERFORMANCE MKTG SY	43	13.6	15.8	3.4	11.8	274	149	1	25	0	449	64	105	353	28	15	0	1015
510 GROUP ACT MKT POWER	10	1.7	3.3	0.2	3.0	54	50	0	8	0	112	6	3	33	0	2	0	155
511 IMP AGRIC STATISTIC	16	4.1	3.0	1.3	2.3	68	2	0	0	0	71	232	56	138	6	1	4	508

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF																TOTAL
		SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER		
SYS	PROF	TECH	OTHER															
SERIES 800																		
801 RURAL HOUSING	20	3.0	2.1	0.1	0.7	32	11	0	0	10	53	2	0	110	2	6	2	177
802 INDIV & FAM DEC MAK	52	10.6	14.4	2.4	3.7	129	101	0	0	3	233	1	2	544	15	14	1	809
803 RURAL POVERTY	6	0.5	1.0	0.4	0.9	22	0	0	0	0	22	0	2	16	4	2	0	46
804 ECON POTENT RURL PE	22	7.7	6.9	1.1	6.4	153	5	0	0	64	223	2	6	228	5	0	0	464
805 COMMUNICAT RURAL PE	43	10.9	15.4	2.3	8.7	92	10	0	1	4	107	1	39	780	11	103	0	1041
806 ADJUSTMENT TO CHANG	64	16.9	18.6	3.2	11.3	146	161	0	0	42	349	0	173	715	6	28	63	1334
807 AGRIC ECONOMIC CHAN	47	12.4	17.3	1.5	7.9	241	52	0	32	0	326	33	55	535	6	19	14	987
808 GOV'T PROGRAMS	19	2.4	4.3	3.0	4.2	37	26	0	0	0	63	32	26	133	0	10	0	264
SUBTOTAL	273	64.4	80.0	14.0	43.7	851	368	0	33	123	1376	71	302	3060	49	182	81	5121
SERIES 900																		
901 ALLEV POLLUTION	192	53.8	76.7	49.7	43.4	600	382	20	90	0	1092	177	957	2425	121	593	47	5413
902 OUTDOOR RECREATION	48	12.0	11.3	7.1	6.0	94	67	53	0	14	228	12	119	465	3	22	29	879
903 MULTI-USE-FOREST PO	15	2.3	2.0	1.6	1.6	4	5	35	0	0	44	1	4	90	2	3	0	144
904 WDLFE AND FISH ECO	103	22.0	40.2	16.4	11.1	165	0	23	0	0	188	10	436	1124	25	257	45	2084
905 TREES BEAUTIFICATIO	33	6.8	2.7	8.5	3.1	25	5	31	0	0	60	0	12	596	12	20	48	748
906 ORNAMENT & TURF DEV	114	38.1	26.4	38.2	17.9	474	12	0	19	0	505	28	1	2133	43	212	32	2954
907 RURAL INCOME IMP	44	9.3	11.1	2.6	5.0	146	13	0	23	44	227	30	26	355	9	1	11	666
908 RURAL INSTITUT IMP	90	23.5	23.3	4.5	13.9	340	122	11	70	105	648	7	55	880	14	71	1	1675
990 UNCLASSIFIED	14	38.2	13.3	2.7	45.9	518	79	11	0	65	672	211	321	1266	1073	417	1484	5444
SUBTOTAL	653	206.0	207.0	131.3	147.9	2365	684	183	203	228	3663	476	1931	9335	1302	1597	1697	20000
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	5740	1768.2	1976.9	1565.4	1514.6	22478	5774	1743	422	32432	4592	15224	89523	17628	11667	4535	175601	

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS										MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRF	STEN	GT	CSRS	CSRS											
0100 SOIL AND LAND	324	114.3	160.7	89.8	87.8	813	390	96	150	0	1448	363	2469	5118	307	851	537	11093				
0200 WATER	214	66.3	82.6	68.4	64.3	310	306	47	0	4	667	172	1945	2768	104	279	275	6209				
0300 WATERSHEDS RIVER BAS	48	14.2	19.4	13.3	8.2	9	29	64	0	0	102	83	504	398	3	60	56	1206				
0400 AIR AND CLIMATE	48	21.8	24.8	23.3	19.0	48	33	33	0	0	114	42	1898	697	27	22	191	2992				
0500 RECREATION RESOURCES	53	14.3	17.0	2.4	7.1	42	88	106	0	0	236	37	127	533	13	5	14	965				
0600 TIMBER FORST PRODUCT	377	142.6	159.1	58.4	81.2	111	1131	1284	8	0	1515	834	2468	5846	417	721	520	12321				
0700 RANGE	157	45.0	40.2	28.7	33.3	229	14	72	0	0	316	125	1518	1777	126	105	165	4133				
0800 WILDLIFE AND FISH	174	41.9	88.4	43.1	74.4	144	8	96	0	0	250	133	1014	2414	154	371	358	4695				
0900 CITRUS SUB TROP FRUT	145	55.7	54.8	20.1	53.9	326	35	0	0	0	361	156	218	4488	14	158	23	5418				
1000 FRUIT NUTS DECIDUOUS	272	102.0	82.4	88.9	130.9	596	396	0	11	0	1002	70	236	7258	391	468	412	9838				
1100 POTATOES	97	33.4	15.1	34.8	28.5	224	26	0	82	0	333	3	110	1508	117	208	340	2618				
1200 VEGETABLES	342	104.6	88.6	76.6	109.7	980	221	4	109	0	1314	166	367	6563	201	527	252	9390				
1300 ORNAMENTALS TURF	134	43.0	36.5	23.5	37.1	216	9	5	0	0	229	26	25	2614	102	228	71	3295				
1400 CORN	58	10.6	5.9	6.3	11.9	72	6	0	0	0	78	4	52	563	23	21	136	876				
1500 GRAIN SORGHUM	32	3.9	1.5	2.1	3.2	20	0	0	0	0	20	2	1	256	8	5	0	292				
1600 RICE	14	4.2	4.1	2.3	3.1	18	0	0	0	0	18	14	9	433	0	33	0	508				
1700 WHEAT	161	44.4	36.6	48.8	51.9	340	117	0	114	0	571	78	166	2099	298	276	382	3871				
1800 OTHER SMALL GRAINS	123	25.0	16.5	26.3	33.2	208	97	0	0	0	305	27	117	1406	215	169	90	2330				
1900 PASTURE	29	5.9	1.3	3.8	7.4	13	3	0	0	0	15	8	28	344	4	5	446					
2000 FORAGE CROPS	227	68.7	47.7	42.2	53.2	439	218	0	119	0	775	19	164	3252	201	207	232	4850				
2100 COTTON	90	38.5	36.4	14.1	26.8	258	85	0	96	0	438	54	188	1930	64	277	1	2952				
2200 COTTONSEED	4	1.3	1.1	1.5	0.4	5	10	0	0	0	15	0	4	40	0	54	0	113				
2300 SOYBEANS	28	10.2	4.7	3.5	4.9	25	25	0	78	0	129	32	316	238	3	49	36	803				
2400 PEANUTS	4	0.7	0.1	0.3	1.4	0	1	0	0	0	1	0	4	21	1	0	5	31				
2500 OTHER OILSEED CROPS	24	5.6	6.9	3.3	7.3	25	20	0	21	14	78	4	31	441	20	117	0	692				
2600 TOBACCO	1	0.7	2.0	1.7	0.2	9	0	0	0	0	9	0	12	23	2	0	0	46				
2700 SUGAR CROPS	75	13.9	11.6	7.4	10.6	94	25	0	0	0	119	5	11	809	46	118	41	1150				
2800 MISC NEW CROPS	34	9.4	8.8	10.9	16.7	24	24	0	0	0	48	17	39	730	69	247	83	1233				
2900 POULTRY	94	37.4	12.0	51.5	38.7	356	127	0	0	0	483	18	187	2399	174	171	95	3527				
3000 BEEF CATTLE	256	110.8	120.4	155.6	158.2	1065	1155	0	95	0	2315	308	2741	6234	3203	380	453	15635				
3100 DAIRY CATTLE	150	38.9	37.9	38.6	47.2	544	187	0	13	0	744	147	118	2583	725	115	65	4496				
3200 SWINE	38	6.8	6.0	7.6	16.2	67	15	0	1	0	84	17	93	498	315	11	26	1044				
3300 SHEEP AND WOOL	105	29.9	17.0	21.1	25.7	342	231	0	0	0	573	25	106	1377	222	79	203	2585				
3400 OTHER ANIMALS	59	15.2	16.0	13.3	11.2	94	65	0	0	0	159	2	311	752	58	55	39	1376				
3500 EGGS AND HONEY	21	8.5	8.0	2.7	4.7	44	92	0	0	0	136	20	12	357	9	30	12	576				
3600 FARM SUPP & FACILITS	22	4.3	5.2	1.1	2.8	30	48	0	0	0	78	15	7	161	3	18	47	329				
3700 CLOTHING & TEXTILES	15	3.4	3.0	0.3	0.4	26	9	0	0	0	35	0	11	131	0	1	0	179				
3800 FOOD	110	35.4	32.4	16.8	19.0	291	120	0	48	0	459	6	672	1720	41	117	9	3024				
3900 HOUSING & EQUIP	48	15.3	11.2	13.9	24.3	50	1	10	10	0	71	27	871	540	13	26	17	1566				
4000 PEOPLE AS INDIVIDUAL	152	44.4	67.6	28.2	30.2	263	221	0	70	63	617	26	1055	1822	45	162	117	3844				
4100 FAMILY MEMBERS	35	8.6	5.6	1.1	2.5	63	99	0	15	2	178	0	0	239	7	1	6	431				
4200 FARM AS BUSINESS	27	8.4	6.8	1.9	5.4	82	29	0	0	0	111	10	13	279	10	1	46	470				
4300 SOC POLIT ORGANIZ	81	20.4	23.7	4.9	9.6	314	37	0	30	88	469	4	77	614	13	74	69	1320				
4400 AGRIC ECONOMY U S	22	5.8	8.2	1.8	4.3	77	42	0	0	0	119	7	11	194	16	3	0	350				
4500 AGRIC ECONOMY FORGN	5	1.4	2.7	0.2	1.1	20	0	0	0	0	20	2	0	94	0	2	0	118				
4600 FARM COOPERATIVES	12	1.6	1.2	0.2	1.4	13	6	0	0	0	19	1	7	53	2	1	1	84				
4700 OTH MARKET PROCESS	8	0.7	0.4	0.0	0.8	11	6	0	0	0	17	1	0	14	0	0	0	32				
4800 MARKETING SYSTEMS	23	4.9	3.2	0.7	3.1	84	28	0	8	0	119	9	0	105	11	0	16	261				
6100 WEEDS	19	6.3	6.5	1.7	3.5	74	4	0	0	0	78	14	10	270	10	36	50	468				
6200 SEED RESEARCH	10	4.5	0.2	2.0	1.6	24	0	0	0	0	24	0	25	143	57	11	26	286				
6300 BIO CELL SYSTEMS	50	24.5	30.1	7.3	10.8	99	7	0	0	0	106	5	729	1009	40	74	84	2047				
6400 EXP DESIGN/STAT METH	18	8.4	7.7	1.1	7.9	12	0	0	0	0	12	71	120	346	19	12	59	640				
6500 INVERTEBRATES	110	47.4	71.1	27.7	31.8	204	61	0	2	0	267	25	984	2802	11	222	91	4402				
6600 MICROORGANISMS,VIRUS	55	16.5	21.0	5.6	11.3	115	13	0	1	0	129	3	602	859	8	33	2	1636				
6700 PLANTS	198	68.7	52.1	34.3	46.4	434	110	0	5	0	550	40	1011	3989	87	347	77	6100				
6800 ANIMALS(VERTEBRATES)	75	45.2	36.3	48.4	36.4	96	47	0	0	0	143	44	1210	2109	117	162	399	4183				
6900 RESEARCH ON RSCH MGM	9	2.5	2.0	0.5	1.0	15	1	0	0	0	16	83	32	105	1	0	0	238				
7000 RSCH EQUIP & TECHNOL	28	9.1	19.6	6.2	11.7	12	0	8	0	0	21	20	469	419	17	40	1	987				
9900 UNCLASSIFIED	5	6.2	1.5	0.1	4.7	11	0	0	0	0	11	32	2	548	6	6	118	724				
TOTAL	5153		1731.1		1541.1	5059	1085		18674		25526	8208		7772	6358			157325				
		1683.3		1242.5		10533		1827		171		3456		87330								

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RFP	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	57	22.0	13.3	17.2	14.3	192	59	12	0	0	264	75	509	758	23	54	205	1889
102 SOIL PLNT WTR NUTRI	126	40.8	53.5	37.6	27.4	272	60	33	0	0	365	102	677	1996	181	217	100	3638
103 MGMT OF SALINE SOIL	33	9.7	16.5	11.8	14.4	16	70	0	0	0	67	33	308	557	5	56	11	1057
104 ALTERN USE OF LAND	57	19.3	23.9	4.3	15.1	188	81	61	0	0	330	101	410	573	19	162	68	1664
105 CONSERV USE OF WATE	98	27.8	21.9	23.4	18.3	141	115	17	0	4	278	39	627	1111	33	93	150	2331
106 DRAIN AND IRRIGATIO	42	15.5	17.6	18.9	19.0	42	39	0	0	0	81	25	352	586	19	25	68	1158
107 WATERSHED PROT & HG	64	25.8	26.2	14.3	19.0	13	17	82	123	0	235	121	1124	952	69	108	252	2862
108 ECON LEG PROT OF WA	11	3.2	3.3	2.2	2.0	6	0	0	0	0	6	14	150	123	0	1	5	298
109 WEATHER ADAPT & MOD	37	17.7	21.3	22.5	14.9	63	33	33	0	0	129	28	1755	375	16	1	191	2495
110 APPRAIS FORST & RAN	38	10.4	7.9	2.3	4.1	9	0	108	0	0	117	83	122	352	2	40	11	727
111 BIOL CULT MGMT FORS	123	35.6	47.4	24.2	24.6	17	7	523	0	0	546	245	736	1501	279	138	117	3563
112 IMPROV RANGE RESOR	101	31.0	28.3	25.2	26.9	126	0	33	0	0	160	101	1396	1255	82	82	130	3206
113 REMOTE SENSING	9	5.3	3.7	2.4	6.7	12	1	11	0	0	24	0	122	102	2	35	1	286
114 RSCH ON MGMT OF RSC	9	2.5	2.0	0.5	1.0	15	1	0	0	0	16	83	32	105	1	0	0	238
SUBTOTAL	805	266.8	286.7	206.9	207.5	1113	484	915	123	4	2639	1052	8319	10348	731	1012	1310	25411
SERIES 200																		
201 CNTRL FORST INSECTS	55	16.3	21.2	6.6	7.3	10	32	94	0	0	136	183	526	573	24	30	7	1479
202 CONTROL FOREST DIS	34	7.7	12.0	3.3	6.4	21	38	92	0	0	151	73	74	452	22	44	12	828
203 FOREST FIRE PROTECT	7	0.9	1.2	0.2	0.3	2	0	4	0	0	6	24	11	42	2	3	1	69
204 CNTR PESTS FRT & VE	117	42.8	49.1	28.6	34.7	293	189	0	6	0	488	96	188	2943	87	185	52	4039
205 CNTR DISE FRT & VEG	191	60.0	62.5	41.6	67.4	428	142	0	68	0	638	14	204	4304	96	270	169	5695
206 CNTR WEEDS FRT & VE	50	12.2	5.6	12.2	11.4	75	87	0	28	0	190	4	17	731	27	74	16	1060
207 CNTR PESTS FLD CROP	99	38.1	46.0	18.4	33.4	298	96	0	67	0	461	74	291	1999	64	227	51	3169
208 CNTR DIS FIELD CROP	117	33.8	42.5	26.2	35.1	260	72	0	34	3	370	22	150	1932	118	201	205	2998
209 CNTR WEEDS FLD CROP	63	18.4	13.6	10.6	14.4	125	57	0	10	0	192	17	41	792	40	98	71	1251
210 CNTR PESTS ANIMALS	18	5.1	2.8	3.1	2.2	35	8	0	0	0	43	3	24	224	4	1	10	310
211 CNTR DIS ANIMALS	75	56.0	52.4	76.9	42.8	267	395	0	37	0	659	392	859	2746	745	175	457	6072
212 CNTR INTR PARASITE	22	7.0	6.3	9.2	5.4	73	130	0	0	0	203	2	31	298	19	74	0	627
213 PROT ANMLS FROM TOX	23	4.0	6.7	3.5	5.8	44	46	0	0	0	90	12	32	261	22	12	2	431
214 PROTECT FROM POLLUT	59	18.1	29.7	16.5	13.4	66	28	0	54	0	148	20	581	1073	36	117	21	1995
SUBTOTAL	930	320.4	351.5	256.7	280.1	1996	1321	190	305	3	3815	935	3029	16372	1307	1512	1074	30043
SERIES 300																		
301 GENET BREED FORST T	34	8.1	8.9	5.5	4.6	0	2	102	0	0	164	55	83	369	13	51	58	733
302 IMP FOREST ENG SYS	11	5.8	6.2	0.5	2.4	3	0	20	0	0	22	39	8	229	0	9	29	337
303 ECON TIMBER PRODUCT	19	3.9	3.8	0.6	1.9	0	0	54	0	0	54	17	14	121	23	15	14	258
304 IMP BIO EFF FRT & V	282	102.4	65.0	86.9	142.0	558	191	4	17	0	769	139	163	7299	374	577	462	9784
305 MECH PROD FRT & VEG	48	13.0	7.0	8.4	11.5	96	18	0	12	0	126	2	8	804	14	43	35	1033
306 PROD MGMT SYS F & V	29	5.1	2.8	2.7	5.8	22	13	0	0	0	36	16	5	331	6	17	3	413
307 IMP BIO EFF FLD CRP	303	126.3	62.8	102.2	124.6	581	282	0	217	10	1090	91	725	6744	743	685	472	10550
308 MECH PROD FIELD CRO	15	3.4	3.9	1.8	2.5	32	0	0	7	0	39	7	0	212	16	57	7	338
309 PROD MGMT SYS FLD C	32	7.3	4.4	2.2	3.2	64	8	0	29	0	102	13	62	271	7	27	115	597
310 ANIMAL REPRODUCTION	85	35.6	27.6	47.9	42.3	310	392	0	72	0	773	27	297	1968	716	110	267	4158
311 IMP BIO EFF ANML PR	185	76.7	55.5	102.2	146.9	874	192	0	0	0	1066	53	363	6168	2740	322	376	11087
312 ENV STRESS IN ANML	34	24.9	28.4	42.3	30.3	37	143	0	0	0	180	40	2029	739	75	62	22	3146
313 PROD MGMT SYS ANML	39	10.9	8.6	7.9	11.5	93	39	0	0	0	133	5	329	758	86	44	13	1369
314 BEES OTH POLLNTNG I	21	8.5	8.0	2.7	4.7	44	92	0	0	0	136	20	12	357	9	30	12	576
315 IMP STRUC FARM SUPP	12	6.5	5.9	10.6	6.3	2	0	0	0	0	2	0	812	71	5	1	50	941
316 FARM BUSINESS MGMT	17	6.0	5.7	1.0	3.6	74	13	0	0	0	87	9	1	199	5	1	0	302
317 MECH/STRUCTS ANML P	5	1.2	0.5	0.6	2.2	30	0	0	0	0	30	0	0	58	4	0	16	107
318 NON-COM BIO TECH/BI	314	139.7	185.5	56.3	87.6	736	66	0	8	0	809	81	3350	7283	187	482	325	12517
SUBTOTAL	1495	585.4	490.5	482.3	633.6	3555	1453	175	361	10	5558	613	8263	33981	5023	2532	2275	58246
SERIES 400																		
401 NEW IMP FOREST PROD	68	30.9	30.8	6.5	17.7	20	0	195	0	0	215	50	130	1313	28	318	3	2058
402 PROD F & V IMP ACCE	68	13.3	10.1	12.3	20.5	114	3	0	0	0	117	11	8	1165	25	35	87	1448
403 NEW & IMP P6V PROD	53	22.9	21.8	9.8	16.8	171	0	0	19	0	190	58	253	1243	19	84	105	1952
404 MKT QUAL FRTS & VEG	68	20.9	18.0	15.4	17.1	259	4	0	0	0	263	12	53	1318	78	91	125	1940
405 PROD FLD CROP IMP A	41	15.9	13.8	15.8	17.0	150	79	0	8	0	237	2	10	726	61	213	66	1315
406 NEW IMF FOOD FLD CR	18	2.3	2.9	0.9	0.9	48	4	0	0	0	52	0	60	192	1	1	3	310
407 NEW IMP NON-FOOD FC	7	0.9	1.2	0.6	0.6	13	0	0	0	0	13	1	1	95	1	9	0	120
408 MKT QUAL FIELD CROP	11	2.7	2.4	0.4	1.9	20	0	0	0	0	20	3	1	176	3	10	0	213
409 PROD ANML FR IMP AC	37	12.2	5.4	12.5	10.3	203	161	0	0	0	365	0	63	490	277	15	78	1288
410 IMP MEAT MILK EGG P	33	8.5	9.2	3.5	6.8	169	31	0	0	0	200	9	72	482	32	50	11	856
411 IMP NON-FOOD ANML P	9	2.8	0.8	1.0	2.0	33	0	0	0	0	33	0	0	76	4	28	1	142
412 MKT QUAL ANIMAL PRO	22	4.3	5.2	3.2	4.1	59	52	0	0	0	111	0	19	230	26	20	0	406
SUBTOTAL	435	137.4	121.6	82.0	115.8	1259	334	195	27	0	1815	148	671	7506	555	874	480	12048
SERIES 500																		
501 IMP GRADES & STANDS	10	3.3	1.8	0.9	2.1	39	8	0	0	0	47	0	0	124	3	36	4	214
502 MKTG TIMBER PRODUCT	6	1.5	0.4	0.0	0.3	2	0	16	0	0	18	8	14	30	0	13	2	84
503 MKTG EFF AGRI PRODS	34	10.3	6.0	1.7	5.4	180	116	0	0	0	296	61	14	195	12	8	6	591
506 SPLY DEMAND AND PRI	32	8.9	11.1	3.6	6.9	140	115	0	0	0	255	31	18	280	14	32	23	653
507 COMP REL IN AGRIC	10	1.9	1.5	0.3	0.7	61	0	0	0	0	61	0	0	29	1	4	1	97
508 DOMESTIC MKT DEVELP	15	2.5	1.3	0.6	1.1	47	7	0	0	0	54	0	0	87	1	13	0	155
509 PERFORMANCE MKTG SY	32	8.7	5.9	0.8	5.4	143	59	0	8	0	210	14	0	103	7	3	16	353
510 GROUP ACT MKT POWER	8	1.0	0.6															

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-7 SUMMARY BY

PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STZN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	CTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHEF													
SERIES 800																		
801 RURAL HOUSING	8	0.9	0.1	0.1	4.0	6	0	0	0	0	6	0	0	46	6	6	0	66
802 INDIV & FAM DEC MAK	38	5.3	5.1	0.5	3.0	57	44	0	15	0	116	0	28	196	6	2	4	352
803 RURAL POVERTY	7	1.2	0.6	0.1	1.3	15	6	0	15	0	37	0	0	32	2	1	0	71
804 ECON POTENT RURL PE	17	2.4	4.5	0.4	2.5	9	47	0	0	46	102	0	22	131	1	1	0	257
805 COMMUNICAT RURAL PE	28	4.7	3.6	1.2	2.1	55	13	0	0	2	71	0	0	183	7	25	90	377
806 ADJUSTMENT TO CHANG	34	9.9	6.0	1.1	3.4	88	68	0	15	3	174	0	0	238	10	5	13	439
807 AGRIC ECONOMIC CHAN	25	6.3	6.3	2.5	4.9	44	48	0	0	0	92	4	24	206	18	3	46	393
808 GOV'T PROGRAMS	7	1.6	2.6	0.3	1.3	37	0	0	0	0	37	1	0	52	3	3	0	97
SUBTOTAL	164	32.4	29.0	6.2	22.4	312	226	0	45	52	635	6	74	1086	53	46	153	2052
SERIES 900																		
901 ALLEV POLLUTION	165	58.5	105.7	52.3	47.9	325	329	19	36	0	708	154	1730	2994	105	535	193	6420
902 OUTDOOR RECREATION	50	14.1	16.4	2.4	6.9	41	87	104	0	0	232	32	126	515	12	5	18	940
903 MULTI-USE-FOREST PO	16	1.9	1.8	0.5	1.0	8	1	17	0	0	26	15	5	74	2	1	17	140
904 WDLFE AND FISH ECO	153	36.8	85.5	42.3	79.6	125	8	92	0	0	225	132	907	2240	114	341	350	4309
905 TREES BEAUTIFICATIO	35	11.9	11.0	7.3	6.9	21	34	22	0	0	77	33	95	684	6	26	137	1058
906 ORNAMENT & TURF DEV	127	39.8	33.2	20.4	35.4	207	7	0	0	0	214	23	16	2415	102	227	41	3039
907 RURAL INCOME IMP	35	9.0	9.6	1.0	4.3	42	34	0	15	72	163	0	1	279	11	67	59	581
908 RURAL INSTITUT IMP	53	11.1	14.3	3.4	5.4	250	21	0	15	29	315	3	76	302	9	6	15	726
990 UNCLASSIFIED	9	6.2	1.5	0.1	4.7	11	0	0	0	0	11	32	2	548	6	6	118	724
SUBTOTAL	643	189.3	278.9	129.7	192.0	1030	520	254	66	101	1972	425	2958	10051	368	1215	947	17937
SCIENCE IN SERV OF MAN	4955		1731.1		1541.1		5059		1085		18674		25526		8208		6358	
GRAND TOTAL		1683.3		1242.5		10533		1827		171		3456		87331		7772		157325

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL SALES

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					HATH	RRF	STEN	GT	MCIN SP	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OIH -ER	TOTAL
			SYS	PROF	TECH	OTHER	OTHER														
0100	SOIL AND LAND	1085	354.4	391.5	299.8	267.6	3598	1171	206	228	65		5269	674	3626	15619	1321	2492	1526	30528	
0200	WATER	682	186.1	196.5	208.1	164.9	1507	717	82	15	4	2326	253	2928	7765	587	1171	1163	16193		
0300	WATERSHEDS RIVER BAS	122	34.8	34.5	31.0	24.3	191	129	124	0	5	449	105	924	1206	46	74	52	2857		
0400	AIR AND CLIMATE	135	42.5	50.0	35.6	42.6	285	197	51	0	0	533	172	2157	1678	87	205	212	5045		
0500	RECREATION RESOURCES	163	42.9	44.0	17.7	23.5	269	325	276	0	14	884	58	287	1292	42	41	199	2803		
0600	TIMBER FORST PRODUCT	886	333.6	319.2	248.2	231.1	1094	5634759		51	1	6468	1311	2162	12800	537	1766	820	25866		
0700	RANGE	239	68.9	52.0	52.1	49.5	489	53	104	9	0	655	97	1616	3161	316	228	250	6323		
0800	WILDLIFE AND FISH	539	165.1	202.6	151.3	175.3	1075	236	366	0	0	1677	208	2362	7294	433	1768	1336	15078		
0900	CITRUS SUB TROP FRUT	280	126.1	70.6	107.7	199.9	798	92	0	9	0	898	195	364	8558	159	416	24	10613		
1000	FRUIT NUTS DECIDUOUS	992	359.2	222.4	360.4	352.5	3880	1064	22	123	0	5089	261	550	20260	1049	1288	594	29091		
1100	POTATOES	302	88.1	62.7	84.8	66.5	945	476	0	128	0	1548	51	141	4191	274	476	517	7197		
1200	VEGETABLES	1257	432.3	279.6	363.9	463.4	4786	820	4	274	0	5884	487	915	22810	843	1542	500	32981		
1300	ORNAMENTALS TURF	576	207.7	121.4	199.3	193.9	2101	264	3	27	8	2404	78	112	11364	303	938	207	15406		
1400	CORN	766	176.4	172.0	167.9	170.5	2352	596	1	47	0	2997	297	946	8832	842	1256	403	15574		
1500	GRAIN SORGHUM	290	52.4	43.4	53.6	50.0	488	131	0	8	0	626	63	102	2924	435	198	47	4394		
1600	RICE	101	38.2	20.6	21.8	25.9	204	13	0	2	0	219	65	19	2390	106	257	13	3069		
1700	WHEAT	597	140.0	133.4	144.8	109.0	1467	384	0	167	1	2019	234	473	6766	766	785	527	11569		
1800	OTHER SMALL GRAINS	374	73.5	53.9	73.7	73.1	1013	133	0	7	0	1154	44	177	3874	364	904	148	6665		
1900	PASTURE	170	37.7	10.8	38.6	55.2	304	48	0	15	0	367	155	46	2627	203	79	65	3542		
2000	FORAGE CROPS	836	241.0	159.3	241.4	246.9	2677	885	0	392	0	3954	164	638	13134	1125	703	354	20072		
2100	COTTON	380	131.4	80.4	95.1	126.5	1286	575	0	299	2	2162	358	463	7917	609	1053	345	12909		
2200	COTTONSEED	14	3.1	2.6	4.3	1.9	39	10	0	22	0	70	0	4	98	0	73	0	245		
2300	SOYBEANS	746	200.3	177.8	149.2	171.8	2395	797	0	513	0	3705	360	523	9670	812	1496	527	17093		
2400	PEANUTS	140	43.7	19.7	56.8	46.5	438	28	0	32	0	499	72	32	2686	147	264	154	3853		
2500	OTHER OILSEED CROPS	85	14.7	16.2	9.4	10.7	106	25	0	21	14	165	31	56	910	48	174	8	1392		
2600	TOBACCO	164	63.0	40.4	83.0	92.8	799	21	0	14	0	834	43	40	4392	222	270	246	6046		
2700	SUGAR CROPS	178	57.1	24.1	29.6	129.7	804	52	0	2	0	858	26	56	2889	237	392	44	4503		
2800	MISC NEW CROPS	111	27.1	16.3	23.4	49.1	193	137	0	0	0	330	39	110	1427	141	362	102	2511		
2900	POULTRY	715	244.3	185.8	384.6	269.1	4043	1461	0	13	48	5565	243	1326	14391	1470	850	440	24285		
3000	BEEF CATTLE	1157	386.7	311.6	547.6	566.7	5672	2654	2	431	4	8764	1474	3044	282301	10580	1611	748	54450		
3100	DAIRY CATTLE	1021	324.8	291.7	380.0	466.8	5877	1532	0	88	0	7496	417	1799	20726	4266	1527	805	37035		
3200	SWINE	521	150.9	126.9	202.1	255.2	2739	578	0	225	0	3543	471	624	10622	3780	1107	158	20304		
3300	SHEEP AND WOOL	343	76.0	53.5	86.7	79.8	1126	396	2	5	0	1529	116	257	4717	939	320	260	8138		
3400	OTHER ANIMALS	367	102.7	89.5	129.4	72.7	1083	104	0	18	0	1205	97	1479	4546	457	478	308	8570		
3500	BEES AND HONEY	43	17.8	11.4	5.5	8.4	119	92	0	0	0	211	34	19	726	26	33	22	1071		
3600	FARM SUPP & FACILITS	98	24.3	15.8	13.8	13.6	304	80	0	3	0	388	42	136	993	243	98	69	1969		
3700	CLOTHING & TEXTILES	63	17.9	12.7	3.5	7.7	223	94	0	0	0	317	18	11	488	3	9	4	850		
3800	FOOD	446	140.0	149.9	118.9	92.3	2092	968	0	142	0	3202	231	1874	5592	260	582	263	12004		
3900	HOUSING & EQUIP	197	55.4	38.6	41.8	46.8	414	174	25	51	13	677	251	1234	1984	69	149	103	4468		
4000	PEOPLE AS INDIVIDUAL	615	171.7	189.8	107.3	119.6	2021	708	0	254	233	3216	137	2638	6344	228	456	425	13444		
4100	FAMILY MEMBERS	175	40.8	35.2	9.9	26.1	545	312	0	15	32	904	7	79	1550	53	83	78	2753		
4200	FARM AS BUSINESS	171	58.6	32.1	18.8	50.5	1153	54	0	2	0	1209	112	57	1787	56	42	65	3327		
4300	SOC POLIT ORGANIZ	436	128.3	123.9	29.9	81.0	1931	596	12	246	631	3415	77	380	3526	117	349	224	8088		
4400	AGRIC ECONOMY U S	106	31.3	35.6	11.6	25.7	437	103	0	32	0	572	97	158	1290	58	49	37	2261		
4500	AGRIC ECONOMY FORGN	24	10.9	12.2	6.6	8.1	86	0	0	0	0	86	463	0	337	38	29	98	1051		
4600	FARM COOPERATIVES	40	6.6	6.8	1.9	7.4	177	52	0	0	0	229	24	42	167	7	5	1	476		
4700	OTH MARKET PROCESS	41	8.5	5.0	5.2	6.8	143	28	1	0	0	171	6	60	224	6	63	2	532		
4800	MARKETING SYSTEMS	100	25.7	19.5	6.1	20.4	446	290	1	48	0	785	124	72	620	19	18	24	1663		
6100	WEEDS	47	10.5	11.5	8.3	6.8	167	18	0	4	0	189	15	74	507	17	68	67	938		
6200	SEED RESEARCH	26	9.6	6.2	12.4	9.0	72	17	0	0	0	89	5	30	353	398	29	33	937		
6300	BIO CELL SYSTEMS	206	82.3	110.6	59.3	40.5	665	21	0	0	0	686	11	3059	3005	132	176	265	7333		
6400	EXP DESIGN/STAT METH	55	25.4	18.0	13.9	19.4	162	2	0	0	0	164	315	92	1283	54	31	82	2022		
6500	INVERTEBRATES	245	105.7	121.1	83.0	61.4	706	65	0	38	0	810	63	2035	4962	115	346	249	8579		
6600	MICROORGANISMS,VIRUS	221	82.2	91.9	88.7	42.1	615	79	0	26	0	719	41	2671	3358	72	257	240	7359		
6700	PLANTS	589	216.2	204.5	159.4	175.9	2069	652	2	486	0	3209	198	1975	11532	640	1146	662	19362		
6800	ANIMALS (VERTEBRATES)	284	112.4	106.6	127.7	103.5	818	195	2	42	0	1057	75	2710	5270	574	457	948	11091		
6900	RESEARCH ON RSCH HGM	27	10.8	4.1	2.1	2.4	42	149	7	9	0	207	117	65	352	1	6	1	748		
7000	RSCH EQUIP & TECHNOL	95	26.4	36.5	21.9	22.2	132	51	49	0	0	232	54	921	1098	40	85	81	2511		
9900	UNCLASSIFIED	41	111.0	18.1	8.7	53.2	775	175	40	0	65	1055	500	684	5051	1905	688	3298	13180		
TOTAL		20725	6556.7	5494.6	6049.2	6375.6	72435	21642	4582	141	105944	51432	38675	20443	334167	31818	594219				

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

108

NATIONAL TOTAL SAES

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	N OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RPF	MCIN STEL	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APFPO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 700																		
701 TOX RES IN FOOD	133	54.9	49.6	39.2	29.7	484	608	0	585	0	1677	18	650	2339	63	209	49	5004
702 FOOD PROT FROM TOX	187	57.9	58.9	52.7	32.8	785	350	0	22	0	1156	15	1000	2251	121	269	49	4861
703 FOOD CONSUMP HABITS	145	31.5	24.2	22.6	18.7	433	245	1	50	0	729	21	311	895	67	71	25	2121
704 HOME COMM FOOD SERV	51	10.1	14.7	4.8	9.1	168	102	0	52	0	322	6	54	342	18	13	1	757
705 SEL CARE CLOTH & TE	57	16.9	11.4	2.7	7.0	198	89	0	0	0	286	18	11	451	3	4	4	777
706 CONTR INSECTS AFF M	105	41.6	40.8	21.8	25.1	354	64	0	34	0	452	28	373	1976	17	247	197	3289
707 TRANS ANIML MAN DI	27	6.5	7.6	5.6	2.2	45	6	0	0	0	51	16	303	230	2	15	3	621
708 HUMAN NUTRITION	315	99.1	139.3	100.7	62.7	1126	596	0	237	0	1959	93	2637	3534	184	291	274	8972
709 REDUCE HAZ HLTH & S	52	11.0	11.7	9.7	5.7	105	50	12	0	0	167	7	23	513	13	79	19	820
SUBTOTAL	1076	329.3	358.1	259.8	193.0	3697	2109	12	981	0	6799	221	5362	12535	488	1197	620	27222
SERIES 800																		
801 RURAL HOUSING	46	13.1	5.8	5.8	12.1	86	116	0	0	13	215	3	76	354	9	12	4	672
802 INDIV & FAM DEC MAK	139	26.8	26.6	7.8	12.6	405	197	0	15	8	625	4	37	1095	43	47	6	1857
803 RURAL POVERTY	30	7.5	5.3	1.3	9.6	126	23	0	15	28	193	0	20	195	9	4	5	426
804 ECON POTENT RURL PE	86	23.7	18.9	6.8	21.0	323	97	0	0	187	607	41	154	585	9	9	99	1505
805 COMMUNICAT RURL PE	115	27.1	22.8	6.2	16.6	280	24	0	0	7	310	2	139	1613	86	189	132	2472
806 ADJUSTMENT TO CHANG	157	41.6	32.6	12.4	30.2	589	261	0	15	45	909	7	206	1368	28	94	111	2723
807 AGRIC ECONOMIC CHAN	110	31.3	28.6	10.0	23.2	426	107	0	32	0	565	60	112	1149	26	37	87	2036
808 GOV'T PROGRAMS	35	6.5	7.0	3.7	9.1	149	26	0	0	0	175	33	26	268	3	13	0	519
SUBTOTAL	718	177.6	147.6	54.0	134.3	2384	850	0	77288		3600	150	770	6629	212	406	443	12210
SERIES 900																		
901 ALLEV POLLUTION	660	226.4	274.7	223.4	137.5	2285	1340	84	239	0	3948	377	3814	9864	447	1620	581	20650
902 OUTDOOR RECREATION	141	39.8	40.2	16.3	21.3	264	319	227	0	14	823	54	287	1167	40	38	180	2589
903 MULTI-USE-FOREST PO	62	11.5	12.4	11.3	8.6	17	6	200	0	0	224	71	8	395	10	24	83	814
904 WLDLFE AND FISH ECO	452	141.0	180.1	132.4	166.3	884	212	324	0	0	1420	182	2012	6324	382	1493	1251	13063
905 TREES BEAUTIFICATIO	91	23.0	16.1	16.2	12.2	155	84	61	0	0	300	13	63	1394	19	50	97	1935
906 ORNAMENT & TURF DEV	561	200.6	116.4	191.2	189.4	2061	262	1	27	8	2359	76	91	10784	302	918	134	14665
907 RURAL INCOME IMP	165	43.6	39.0	9.9	26.6	617	165	0	111262		1155	36	70	1082	29	74	92	2539
908 RURAL INSTITUT IMP	284	77.2	75.0	21.2	53.1	1317	422	12	158358		2267	40	295	2188	100	165	111	5165
990 UNCLASSIFIED	41	111.0	18.1	8.7	53.2	775	175	40	0	65	1055	500	684	5051	1905	688	3298	13180
SUBTOTAL	2457	874.1	772.1	630.7	718.1	8374	2985	950	536707		13551	1348	7324	38250	3233	5069	5826	74601
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	19495	6556.7	5494.6	6049.2	6375.6	72436	6142		4582	141	105944	11739	334168	38675	31819	20443		594220

FORESTRY SCHOOL TOTAL

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF																TOTAL	
		SUPPORT YEARS																	
		SYS	PROF	TECH	OTHER	HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH		
0100 SOIL AND LAND	43	14.9	9.8	7.0	5.7	0	0	142	0	0	142	6	645	456	8	23	181	1462	
0200 WATER	20	8.2	5.9	5.2	4.1	0	0	40	0	0	40	7	329	268	9	22	78	752	
0300 WATERSHEDS RIVER BAS	18	2.9	4.6	2.3	1.8	0	0	24	0	0	24	47	12	98	0	38	53	272	
0400 AIR AND CLIMATE	2	1.3	0.6	0.4	0.4	0	0	24	0	0	24	2	0	27	0	0	0	54	
0500 RECREATION RESOURCES	30	6.3	3.9	3.6	1.4	0	0	108	0	0	108	14	53	311	0	0	10	496	
0600 TIMBER FORST PRODUCT	389	128.5	113.0	64.7	53.6	0	0	1500	0	0	1500	507	2022	4388	355	613	669	10054	
0700 RANGE	20	2.6	5.3	0.0	0.8	0	0	25	0	0	25	51	16	80	0	21	3	196	
0800 WILDLIFE AND FISH	86	18.9	29.7	24.9	3.2	0	0	136	0	0	136	66	548	516	11	21	314	1610	
1300 ORNAMENTALS TURF	3	0.2	0.0	0.0	0.0	0	0	3	0	0	3	0	0	4	0	0	0	7	
2000 FORAGE CROPS	1	0.2	0.0	0.0	1.2	0	0	0	0	0	0	3	0	7	0	0	0	10	
2300 SOYBEANS	1	0.4	2.1	0.0	0.0	0	0	0	18	0	18	0	0	19	0	0	0	37	
2900 POULTRY	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1	
3000 BEEF CATTLE	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	3	0	0	0	4	
3200 SWINE	1	0.0	0.0	0.0	0.0	0	0	0	38	0	38	0	0	0	0	0	0	38	
3900 HOUSING & EQUIP	3	0.8	0.4	0.1	0.1	0	0	0	0	0	0	4	7	38	0	6	2	56	
4000 PEOPLE AS INDIVIDUAL	3	0.5	0.0	0.6	0.5	0	0	7	0	0	7	1	0	31	0	0	3	41	
4300 SOC POLIT ORGANIZ	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0	0	0	2	
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6300 BIO CELL SYSTEMS	1	0.2	0.1	0.0	0.0	0	0	0	0	0	0	0	0	6	0	0	1	7	
6400 EXP DESIGN/STAT METH	5	2.0	1.0	0.0	0.3	0	0	4	0	0	4	0	116	8	0	0	0	127	
6500 INVERTEBRATES	1	1.0	0.0	0.2	0.0	0	0	0	0	0	0	0	0	5	0	0	11	16	
6600 MICROORGANISMS,VIRUS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	4	0	0	0	4	
6700 PLANTS	4	2.0	0.1	0.0	0.0	0	0	1	0	0	1	0	33	17	0	0	0	51	
7000 RSCH EQUIP & TECHNOL	6	0.6	0.8	0.4	0.1	0	0	20	0	0	20	0	0	22	0	0	0	42	
9900 UNCLASSIFIED	6	16.9	12.8	5.7	1.4	0	0	0	0	0	0	107	78	673	0	169	22	1049	
TOTAL	648	208.8	190.1	115.1	74.4	0	0	2033	56	0	2089	815	3859	6985	383	913	1345	16388	

FORESTRY SCHOOL TOTAL

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
		SYS	PROP	TECH	OTHER	HATH	RRF											
SERIES 100																		
101 APPRAIS OF SOIL RES	9	5.5	3.8	2.3	2.5	0	0	12	0	0	12	0	328	180	0	0	73	593
102 SOIL FLNT WTR NUTRI	21	6.7	4.6	3.8	2.3	0	0	69	0	0	69	0	312	195	0	0	71	648
104 ALTERN USE OF LAND	11	2.3	1.2	0.5	0.7	0	0	67	0	0	67	6	5	46	0	22	14	161
105 CONSERV USE OF WATE	4	5.4	2.5	3.1	3.2	0	0	4	0	0	4	0	297	201	0	0	71	573
106 DRAIN AND IRRIGATIO	1	0.1	0.8	0.0	0.3	0	0	0	0	0	0	0	20	0	0	0	0	20
107 WATERSHED PROT & MG	21	11.9	9.6	6.8	5.3	0	0	24	0	0	24	22	618	467	26	40	202	1399
108 ECON LEG PROB OF WA	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
109 WEATHER ADAPT & MOD	2	1.1	0.5	0.6	0.4	0	0	24	0	0	24	0	0	43	0	0	0	67
110 APPRAIS FORST & RAN	36	5.9	3.3	1.7	1.8	0	0	86	0	0	86	1	93	166	0	21	5	373
111 BIOL CULT MGMT FORS	159	37.9	45.0	27.5	18.3	0	0	644	0	0	644	205	512	1566	303	106	191	3527
112 IMPROV RANGE RESOR	14	1.8	4.4	0.0	0.5	0	0	6	0	0	6	49	8	62	0	21	0	146
113 REMOTE SENSING	12	1.0	1.3	0.6	0.1	0	0	32	0	0	32	0	0	27	0	1	2	62
SUBTOTAL	291	79.5	76.9	46.8	35.4	0	0	968	0	0	968	284	2193	2951	329	213	630	7568
SERIES 200																		
201 CNTRL FORST INSECTS	39	8.6	14.1	7.7	1.4	0	0	74	0	0	74	86	401	157	3	17	30	767
202 CONTROL FOREST DIS	27	4.5	5.4	3.7	1.6	0	0	99	0	0	99	38	47	200	7	33	13	437
203 FOREST FIRE PROTECT	5	0.7	0.6	0.2	0.2	0	0	0	0	0	0	23	10	34	0	2	0	68
211 CONTR DIS ANIMALS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1
213 PROT ANMLS FROM TOX	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	3	0	0	0	4
214 PROTECT FROM POLLUT	6	0.8	0.2	0.4	2.5	0	0	5	0	0	5	6	0	22	0	18	0	51
SUBTOTAL	79	14.6	20.3	12.0	5.7	0	0	177	0	0	177	153	458	418	10	70	43	1323
SERIES 300																		
301 GENET BREED FORST T	41	7.5	9.9	3.7	8.2	0	0	257	0	0	257	31	55	275	3	37	57	714
302 IMP FOREST ENG SYS	10	5.3	5.1	0.4	1.2	0	0	30	0	0	30	30	7	175	0	8	29	279
303 ECON TIMBER PRODUCT	21	3.3	3.5	0.9	1.4	0	0	31	0	0	31	17	14	129	5	14	37	246
307 IMP BIO EFF FLD CRP	2	2.2	2.1	0.0	0.0	0	0	0	18	0	18	0	33	27	0	0	0	78
310 ANIMAL REPRODUCTION	1	0.0	0.0	0.0	0.0	0	0	0	38	0	38	0	0	0	0	0	0	38
318 NON-COM BIO TECH/BI	13	3.6	1.2	0.2	0.3	0	0	5	0	0	5	0	116	32	0	0	12	164
SUBTOTAL	85	21.8	21.7	5.2	11.1	0	0	323	56	0	379	78	224	637	8	59	135	1519
SERIES 400																		
401 NEW IMP FOREST PROD	68	34.8	17.7	9.4	11.0	0	0	160	0	0	160	17	161	1048	25	310	23	1744
SUBTOTAL	68	34.8	17.7	9.4	11.0	0	0	160	0	0	160	17	161	1048	25	310	23	1744
SERIES 500																		
502 MKTG TIMBER PRODUCT	5	1.4	0.4	0.0	1.3	0	0	24	0	0	24	8	14	27	0	12	2	87
512 IMP GRADES FRST PRO	7	1.3	0.7	0.2	0.4	0	0	5	0	0	5	9	7	21	0	26	0	68
513 PRICE ANAL FRST PRO	4	2.4	0.5	0.0	0.0	0	0	41	0	0	41	8	14	55	0	12	2	132
SUBTOTAL	16	5.0	1.5	0.2	1.7	0	0	70	0	0	70	25	35	104	0	49	3	286
SERIES 600																		
603 TECH AID DEV CRTY	5	0.5	0.3	0.0	0.0	0	0	8	0	0	8	0	2	27	0	0	8	45
SUBTOTAL	5	0.5	0.3	0.0	0.0	0	0	8	0	0	8	0	2	27	0	0	8	45
SERIES 800																		
805 COMMUNICAT RURAL PE	2	0.4	0.0	0.6	0.5	0	0	7	0	0	7	1	0	10	0	0	3	20
806 ADJUSTMENT TO CHANG	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	22	0	0	0	22
SUBTOTAL	3	0.5	0.0	0.6	0.5	0	0	7	0	0	7	1	0	31	0	0	3	41
SERIES 900																		
901 ALLEV POLLUTION	12	4.9	3.2	3.4	2.0	0	0	30	0	0	30	36	24	102	0	21	36	251
902 OUTDOOR RECREATION	28	6.3	3.7	3.7	1.4	0	0	108	0	0	108	13	52	308	0	0	17	498
903 MULTI-USE-FOREST PO	14	1.6	1.1	1.4	0.7	0	0	59	0	0	59	6	5	33	0	0	14	118
904 WLDLFE AND FISH ECO	82	18.8	30.1	24.4	2.3	0	0	120	0	0	120	66	564	522	11	21	315	1617
905 TREES BEAUTIFICATIO	5	3.5	0.7	2.3	1.4	0	0	3	0	0	3	29	63	131	0	0	97	323
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
907 RURAL INCOME IMP	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0	0	0	2
990 UNCLASSIFIED	6	16.9	12.8	5.7	1.4	0	0	0	0	0	0	107	78	673	0	169	22	1049
SUBTOTAL	149	52.2	51.6	40.9	9.1	0	0	320	0	0	320	257	786	1770	11	211	500	3856
SCIENCE IN SERV OF MAN	696		190.1		74.4			0		56	2089		3859		383		1345	
GRAND TOTAL		208.8		115.1		0		2033		0		815		6985		912		16388

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRP	MCIM STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
0100 SOIL AND LAND	27	8.3	3.6	6.5	5.9	0	0	0	596	0	596	0	2	0	0	0	0	598
0200 WATER	14	7.8	0.9	6.6	3.3	0	0	0	339	0	339	0	0	0	0	0	0	339
0300 WATERSHEDS RIVER BAS	3	1.5	2.1	5.3	0.0	0	0	0	62	0	62	0	0	0	0	0	0	62
0400 AIR AND CLIMATE	1	0.4	0.0	0.6	0.0	0	0	0	40	0	40	0	0	0	0	0	0	40
0500 RECREATION RESOURCES	3	0.8	0.0	1.0	0.3	0	0	0	43	0	43	0	0	0	0	0	0	43
0600 TIMBER FORST PRODUCT	3	0.8	0.1	1.6	0.7	0	0	0	29	0	29	0	24	0	0	0	0	53
0800 WILDLIFE AND FISH	18	4.1	3.6	3.2	3.4	0	0	0	328	0	328	3	18	0	0	0	0	349
0900 CITRUS SUB TROP FRUT	2	0.1	0.0	0.1	0.9	0	0	0	9	0	9	0	0	0	0	0	0	9
1000 FRUIT NUTS DECIDUOUS	7	2.4	0.4	2.8	3.9	0	0	0	195	0	195	0	0	0	0	0	0	195
1200 VEGETABLES	26	9.3	1.0	6.4	8.3	0	0	0	549	0	549	0	0	0	0	0	0	549
1300 ORNAMENTALS TURF	2	0.4	0.0	0.0	0.8	0	0	0	42	0	42	0	0	0	0	0	0	42
1400 CORN	1	0.2	0.0	0.1	1.0	0	0	0	3	0	3	0	0	0	0	0	0	3
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	0	0	3	0	3	0	0	0	0	0	0	3
1700 WHEAT	4	0.6	0.0	0.0	0.5	0	0	0	31	0	31	0	0	0	0	0	0	31
1800 OTHER SMALL GRAINS	17	6.1	0.0	5.4	7.9	0	0	0	686	0	686	0	0	0	0	0	0	686
1900 PASTURE	1	0.1	0.0	0.0	0.0	0	0	0	4	0	4	0	0	0	0	0	0	4
2000 FORAGE CROPS	8	0.7	0.6	0.6	0.3	0	0	0	121	0	121	1	4	0	0	0	0	125
2100 COTTON	9	6.0	9.0	10.1	3.0	0	0	0	236	0	236	0	0	0	0	0	29	266
2200 COTTONSEED	1	0.0	0.0	0.1	0.1	0	0	0	1	0	1	0	0	0	0	0	0	1
2300 SOYBEANS	29	9.2	2.8	3.5	5.0	0	0	0	538	0	538	5	203	0	0	0	36	782
2400 PEANUTS	8	4.6	1.1	2.3	1.8	0	0	0	243	0	243	0	0	0	0	0	0	243
2500 OTHER OILSEED CROPS	1	0.0	0.0	0.0	0.0	0	0	0	8	0	8	0	0	0	0	0	0	8
2600 TOBACCO	2	0.2	0.6	0.6	0.0	0	0	0	33	0	33	0	0	0	0	0	0	33
2800 MISC NEW CROPS	1	0.2	0.0	0.0	0.5	0	0	0	6	0	6	0	0	0	0	0	0	6
2900 POULTRY	17	5.0	0.0	2.4	6.6	0	0	0	432	0	432	1	6	0	0	0	0	439
3000 BEEF CATTLE	25	6.1	0.8	5.8	9.4	0	0	0	717	0	717	0	0	7	0	0	0	725
3100 DAIRY CATTLE	11	2.0	0.5	4.0	1.3	0	0	0	327	0	327	0	0	0	0	0	0	327
3200 SWINE	23	6.6	1.1	4.3	6.6	0	0	0	346	0	346	3	18	0	0	0	0	367
3300 SHEEP AND WOOL	4	1.1	0.4	1.1	0.3	0	0	0	53	0	53	0	0	0	0	0	0	53
3400 OTHER ANIMALS	11	3.3	1.5	2.6	3.5	0	0	0	188	0	188	0	0	0	0	0	0	188
3600 FARM SUPP & FACILITS	5	3.6	0.2	2.6	1.1	0	0	0	284	0	284	0	0	0	0	0	0	284
3700 CLOTHING & TEXTILES	4	0.9	0.0	1.0	0.6	0	0	0	64	0	64	0	0	0	0	0	0	64
3800 FOOD	54	15.5	8.4	18.0	11.5	0	0	0	878	0	878	0	0	0	0	0	0	878
3900 HOUSING & EQUIP	7	3.1	2.0	1.0	2.1	0	0	0	153	0	153	0	0	0	0	0	0	153
4000 PEOPLE AS INDIVIDUAL	92	23.5	8.7	20.7	26.9	0	0	0	1714	0	1714	2	15	0	26	0	0	1731
4100 FAMILY MEMBERS	38	7.6	7.2	3.4	9.6	0	0	0	580	0	580	3	25	0	0	0	0	608
4200 FARM AS BUSINESS	7	2.2	0.3	1.0	3.9	0	0	0	121	0	121	1	6	0	0	0	0	128
4300 SOC POLIT ORGANIZ	21	2.7	0.4	3.8	8.1	0	0	0	356	0	356	0	2	0	0	0	0	359
4400 AGRIC ECONOMY U S	1	0.1	0.0	0.0	3.4	0	0	0	17	0	17	0	0	0	0	0	0	17
4600 FARM COOPERATIVES	5	0.9	2.0	0.0	1.0	0	0	0	129	0	129	0	0	0	0	0	0	129
4800 MARKETING SYSTEMS	2	0.8	0.3	1.5	0.9	0	0	0	96	0	96	0	0	0	0	0	0	96
6100 WEEDS	7	1.5	0.0	0.1	0.2	0	0	0	26	0	26	0	0	0	0	0	0	26
6300 BIO CELL SYSTEMS	1	0.3	0.0	0.0	0.4	0	0	0	13	0	13	0	0	0	0	0	0	13
6500 INVERTEBRATES	1	0.0	0.0	0.2	1.6	0	0	0	10	0	10	0	0	0	0	0	0	10
6600 MICROORGANISMS, VIRUS	1	0.2	0.0	0.8	0.0	0	0	0	14	0	14	0	0	0	0	0	0	14
6700 PLANTS	8	2.3	1.5	0.3	1.2	0	0	0	129	0	129	0	3	0	0	0	0	132
6800 ANIMALS (VERTEBRATES)	2	0.3	0.0	0.4	1.8	0	0	0	24	0	24	0	0	0	0	0	0	24
TOTAL	536	153.1	61.2	131.5	149.4	0	0	0	10817	0	10817	19	327	7	0	0	66	11236

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS																				TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEV	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	FED OTHER	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER					
SERIES 100																						
101 APPRAIS OF SOIL RES	3	0.7	0.0	0.0	0.0	0	0	0	36	0	36	0	0	0	0	0	0	0	0	0	36	
102 SOIL PLNT WTR NUTRI	11	2.3	0.0	0.8	1.9	0	0	0	174	0	174	0	2	0	0	0	0	0	0	0	177	
109 WEATHER ADAPT & MOD	1	0.4	0.0	0.3	0.0	0	0	0	15	0	15	0	0	0	0	0	0	0	0	0	15	
111 BIOL CULT MGMT FORS	1	0.6	0.0	0.0	0.5	0	0	0	27	0	27	0	0	0	0	0	0	0	0	0	27	
SUBTOTAL	16	4.0	0.1	1.1	2.4	0	0	0	253	0	253	0	2	0	0	0	0	0	0	0	255	
SERIES 200																						
201 CNTRL FORST INSECTS	1	0.2	0.0	1.6	0.1	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	24	
204 CNTR PESTS FRT & VE	4	2.4	0.2	0.6	1.3	0	0	0	156	0	156	0	0	0	0	0	0	0	0	0	156	
205 CNTR DISE FRT & VEG	5	1.1	0.0	1.0	0.5	0	0	0	58	0	58	0	0	0	0	0	0	0	0	0	58	
206 CNTR WEEDS FRT & VE	7	1.5	0.0	0.8	0.6	0	0	0	61	0	61	0	0	0	0	0	0	0	0	0	61	
207 CNTR PESTS FLD CROP	9	1.7	1.1	0.5	1.6	0	0	0	162	0	162	5	34	0	0	0	0	0	0	0	200	
208 CNTR DIS FIELD CROP	11	6.4	9.0	10.4	3.1	0	0	0	267	0	267	0	0	0	0	0	0	0	29	0	296	
209 CNTR WEEDS FLD CROP	2	0.9	0.0	0.3	0.6	0	0	0	36	0	36	0	0	0	0	0	0	0	0	0	36	
211 CNTR DIS ANIMALS	11	3.3	0.0	1.0	1.1	0	0	0	132	0	132	1	6	0	0	0	0	0	0	0	139	
212 CNTR INTER PARASITE	2	0.2	0.0	0.0	0.0	0	0	0	13	0	13	0	0	0	0	0	0	0	0	0	13	
214 PROTECT FROM POLLUT	11	2.1	0.2	0.4	2.0	0	0	0	178	0	178	0	0	0	0	0	0	0	0	0	178	
SUBTOTAL	63	19.7	10.5	16.5	10.8	0	0	0	1062	0	1062	6	63	0	0	0	0	0	29	0	1161	
SERIES 300																						
304 IMP BIO EFF FRT & V	23	6.1	1.0	5.5	9.9	0	0	0	380	0	380	0	0	0	0	0	0	0	0	0	380	
306 PROD MGMT SYS F & V	1	0.0	0.1	0.0	0.0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0	8	
307 IMP BIO EFF FLD CRP	38	12.3	3.0	7.1	10.8	0	0	0	920	0	920	0	170	0	0	0	0	0	36	0	1126	
310 ANIMAL REPRODUCTION	12	2.8	0.5	5.8	4.6	0	0	0	372	0	372	0	0	0	0	0	0	0	0	0	372	
311 IMP BIO EFF ANML PR	27	8.2	1.6	8.0	11.1	0	0	0	827	0	827	0	0	0	7	0	0	0	0	0	834	
312 ENV STRESS IN ANML	3	0.3	0.0	0.0	0.4	0	0	0	14	0	14	0	0	0	0	0	0	0	0	0	14	
313 PROD MGMT SYS ANML	5	1.8	0.4	1.4	0.8	0	0	0	201	0	201	0	0	0	0	0	0	0	0	0	201	
315 IMP STRUC FARM SUPP	5	3.6	0.2	2.6	1.1	0	0	0	284	0	284	0	0	0	0	0	0	0	0	0	284	
316 FARM BUSINESS MGMT	2	1.2	0.3	0.0	1.8	0	0	0	64	0	64	0	0	0	0	0	0	0	0	0	64	
318 NON-COM BIO TECH/BI	10	1.9	0.0	1.3	3.8	0	0	0	72	0	72	0	0	0	0	0	0	0	0	0	72	
SUBTOTAL	126	38.2	7.0	31.6	44.2	0	0	0	3142	0	3142	0	170	7	0	0	0	0	36	0	3355	
SERIES 400																						
401 NEW IMP FOREST PROD	1	0.0	0.1	0.0	0.1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	
402 PROD F & V IMP ACCE	4	0.1	0.0	0.7	0.4	0	0	0	14	0	14	0	0	0	0	0	0	0	0	0	14	
403 NEW & IMP F&V PROD	2	0.1	0.0	0.1	0.4	0	0	0	13	0	13	0	0	0	0	0	0	0	0	0	13	
405 PROD FLD CROP IMP A	8	3.2	0.1	1.6	1.3	0	0	0	245	0	245	0	2	0	0	0	0	0	0	0	247	
406 NEW IMP FOOD FLD CR	4	1.1	0.1	1.2	1.8	0	0	0	132	0	132	0	0	0	0	0	0	0	0	0	132	
407 NEW IMP NON-FOOD FC	1	0.3	0.0	0.0	0.0	0	0	0	13	0	13	0	0	0	0	0	0	0	0	0	13	
409 PROD ANML PR IMP AC	5	3.3	0.0	1.8	2.7	0	0	0	193	0	193	0	0	0	0	0	0	0	0	0	193	
410 IMP HEAT MILK EGG P	2	0.9	0.0	0.0	2.8	0	0	0	62	0	62	0	0	0	0	0	0	0	0	0	62	
412 MKT QUAL ANIMAL PRO	2	0.6	0.0	0.8	0.3	0	0	0	39	0	39	0	0	0	0	0	0	0	0	0	39	
SUBTOTAL	30	9.7	0.3	6.2	9.7	0	0	0	713	0	713	0	2	0	0	0	0	0	0	0	715	
SERIES 500																						
503 MKTG EFF AGRI PRODS	3	0.8	0.3	1.5	0.9	0	0	0	104	0	104	0	0	0	0	0	0	0	0	0	104	
506 SPLY DEMAND AND PRI	1	0.0	0.1	0.0	0.0	0	0	0	11	0	11	0	0	0	0	0	0	0	0	0	11	
509 PERFORMANCE MKTG SY	1	0.1	0.0	0.0	0.1	0	0	0	7	0	7	0	0	0	0	0	0	0	0	0	7	
510 GROUP ACT MKT POWER	5	0.9	2.0	0.0	1.0	0	0	0	129	0	129	0	0	0	0	0	0	0	0	0	129	
SUBTOTAL	10	1.8	2.4	1.5	2.1	0	0	0	251	0	251	0	0	0	0	0	0	0	0	0	251	
SERIES 700																						
701 TOX RES IN FOOD	4	1.2	0.5	0.1	1.1	0	0	0	51	0	51	0	0	0	0	0	0	0	0	0	51	
702 FOOD PROT FROM TOX	3	0.9	0.1	1.0	0.5	0	0	0	77	0	77	0	2	0	0	0	0	0	0	0	79	
703 FOOD CONSUMP HABITS	41	13.6	4.8	9.0	10.3	0	0	0	771	0	771	0	0	0	0	0	0	0	0	0	771	
704 HOME COMM FOOD SERV	4	0.6	0.0	0.2	0.3	0	0	0	25	0	25	0	0	0	0	0	0	0	0	0	25	
705 SEL CARE CLOTH & TE	4	0.9	0.0	1.0	0.6	0	0	0	64	0	64	0	0	0	0	0	0	0	0	0	64	
706 CNTR INSECTS AFF H	1	0.0	0.0	0.0	0.3	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	3	
707 TRANS ANIML MAN DI	1	0.3	0.0	1.0	1.0	0	0	0	25	0	25	0	0	0	0	0	0	0	0	0	25	
708 HUMAN NUTRITION	61	20.9	16.2	23.4	19.7	0	0	0	1142	0	1142	3	18	0	0	0	0	0	0	0	1162	
709 REDUCE HAZ HLTH & S	5	1.9	0.6	0.6	0.8	0	0	0	67	0	67	0	0	0	0	0	0	0	0	0	67	
SUBTOTAL	124	40.2	22.1	36.3	34.5	0	0	0	2224	0	2224	3	20	0	0	0	0	0	0	0	2246	
SERIES 800																						
801 RURAL HOUSING	3	1.2	2.0	1.0	1.3	0	0	0	90	0	90	0	0	0	0	0	0	0	0	0	90	
802 INDIV & FAM DEC MAK	18	3.5	1.7	3.0	2.2	0	0	0	165	0	165	2	14	0	0	0	0	0	0	0	181	
803 RURAL POVERTY	9	1.9	1.4	1.9	2.6	0	0	0	171	0	171	0	0	0	0	0	0	0	0	0	171	
804 ECON POTENT RURL PE	22	2.7	0.3	2.4	5.2	0	0	0	307	0	307	0	0	0	0	0	0	0	0	0	307	
805 COMMUNICAT RURL PE	14	2.2	2.8	0.6	1.1	0	0	0	244	0	244	3	24	0	0	0	0	0	0	0	271	
806 ADJUSTMENT TO CHANG	14	2.0	0.0	1.5	5.3	0	0	0	264	0	264	1	5	0	0	0	0	0	0	0	270	
807 AGRIC ECONOMIC CHAN	6	1.1	0.0	1.0	5.5	0	0	0	74	0	74	1	6	0	0	0	0	0	0	0	81	
SUBTOTAL	86	14.5	8.1	11.4	23.2	0	0	0	1315	0	1315	7	49	0	0	0	0	0	0	0	1371	
SERIES 900																						
901 ALLEV POLLUTION	32	15.8	6.5	18.6	8.9	0	0	0	954	0	954	1	4	0	0	0	0	0	0	0	959	
902 OUTDOOR RECREATION	3	0.8	0.0	1.0	0.3	0	0	0	43	0	43	0	0	0	0	0	0	0	0	0	43	
904 WDLFE AND FISH ECO	15	3.3	3.6	3.2	3.1	0	0	0	311	0	311	3	18	0	0	0	0	0	0	0	332	
905 TREES BEAUTIFICATIO	1	0.1	0.0	0.0	0.2	0	0	0	40	0	40	0	0	0	0	0	0	0	0	0	40	
906 ORNAMENT & TURF DEV	1	0.3	0.0	0.0	0.6	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	
907 RURAL INCOME IMP	14	2.8	0.4	2.1	3.7	0	0	0	307	0	307	0	0	0	0	0	0	0	0	0	307	
908 RURAL INSTITUT IMP	9	1.8	0.2	2.1	5.7	0	0	0	200	0	200	0	0	0	0	0	0	0	0	0	200	
SUBTOTAL	75	24.9	10.7	27.0	22.5	0	0	0	1857	0	1857	3	22	0	0	0	0	0	0	0	1882	
SCIENCE IN SERV OF MAN																						
GRAND TOTAL	530	153.1	61.2	131.5	149.4	0	0	0	10817	0	10817	19	327	7	0	0	0	66	0	0	11230	

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
		PROJ	SYS	PROF	TECH	OTHER			STEM	GT	CSRS	CSRS	CGCA	FED	APPRO	SALES	-TRY	-ER	
CONNECTICUT	NEW HAVEN	51	39.1	0.0	28.0	0.0	373	72	71	0	0	516	0	28	1339	0	0	0	1883
CONNECTICUT	STORRS	70	33.1	47.9	3.1	21.6	373	200	20	26	15	635	18	281	1651	0	1	112	2698
DIST OF COLUM	WASHINGTON	3	0.6	1.3	0.1	0.2	90	31	0	0	0	121	0	0	0	0	0	0	121
DELAWARE	NEWARK	62	22.4	29.2	6.6	20.6	529	205	51	0	0	785	18	38	890	275	96	48	2150
MASSACHUSETTS	AMHERST	96	37.4	74.6	39.2	33.4	883	347	119	62	0	1411	25	117	1212	45	122	149	3081
MARYLAND	COLLEGE PA	191	72.6	27.6	84.0	34.8	1003	342	98	47	15	1505	0	0	3388	347	21	3	5265
MAINE	ORONO	127	63.1	42.2	29.5	35.8	741	285	231	34	0	1291	89	244	1520	300	453	218	4116
NEW HAMPSHIRE	DURHAM	61	27.9	37.7	6.7	10.4	592	206	224	25	5	1052	0	0	636	61	49	2	1801
NEW JERSEY	NEW BRUNSW	257	108.9	102.0	84.8	64.8	866	559	95	103	29	1653	112	788	4977	40	934	455	8958
NEW YORK	ITHACA	617	244.5	265.2	299.7	220.9	1910	550	62	131	25	2679	267	4380	9223	1779	972	1935	21236
NEW YORK	GENEVA	150	69.2	42.9	58.6	27.8	212	279	0	186	0	677	27	129	2967	89	238	100	4227
PENNSYLVANIA	COLLEGE PA	298	137.1	6.1	285.9	119.6	2599	640	207	33	62	3542	244	314	5288	0	804	142	10334
RHODE ISLAND	KINGSTON	70	38.4	43.1	12.2	21.9	478	207	42	0	7	734	43	435	756	61	31	20	2080
VERMONT	BURLINGTON	86	27.8	14.5	22.2	8.1	633	176	0	83	17	909	19	75	733	0	118	0	1855
WEST VIRGINIA	MORGANTOWN	85	38.5	27.7	24.2	31.8	1235	285	168	0	20	1708	29	114	1189	288	60	88	3476
SUBTOTAL - SAES		2224	960.6	762.0	984.8	651.7	12517	4384	1388	730	195	19218	891	6943	35769	3285	3899	3272	73281
DEL STATE COL	DOVER	7	2.1	3.0	3.5	0.0	0	0	0	314	0	314	0	0	0	0	0	0	314
MD. STATE COL	PRINCESS A	22	3.7	2.0	1.9	2.1	0	0	0	474	0	474	19	134	0	0	0	0	626
NEW YORK	YONKERS	0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	29	30
PENNSYLVANIA	KENNETT SQ	0	0.0	0.0	0.0	0.0	0	0	0	47	0	47	0	0	7	0	0	0	54
SUBTOTAL - OCI		37	5.8	5.0	5.4	2.1	0	0	0	835	0	835	19	134	7	0	0	29	1024
FORESTRY SCH	SYRACUSE	56	33.7	26.6	18.0	2.2	0	0	137	0	0	137	116	299	756	0	185	203	1696
FORESTRY SCH	BURLINGTON	8	3.1	0.3	4.4	0.7	0	0	110	0	0	110	0	0	145	1	1	8	264
SUBTOTAL - FRSTY SCH		64	36.8	26.9	22.4	2.9	0	0	247	0	0	247	116	299	901	1	186	211	1960
TOTAL		2319	1003.2	793.9	1012.6	656.7	12517	4384	1636	1566	195	20299	1025	7378	36681	3286	4085	3513	76266

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SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
		PROJ	SYS	PROF	TECH	OTHER			STEM	GT	CSRS	CSRS	CGCA	FED	APPRO	SALES	-TRY	-ER	
ALABAMA	AUBURN	217	155.7	67.4	107.1	225.3	1835	588	271	78	32	2805	219	238	5831	3031	434	473	13029
ARKANSAS	FAYETTEVILLE	265	97.0	170.2	23.3	113.9	1544	385	213	21	0	2160	161	282	7126	0	388	537	10654
FLORIDA	GAINESVILLE	585	368.4	80.5	461.7	444.8	1195	334	257	330	0	2116	638	1168	21518	560	1668	483	28151
GEORGIA	ATHENS	340	187.5	34.4	238.9	276.5	1985	579	294	69	31	2958	124	192	11168	0	451	635	15529
KENTUCKY	LEXINGTON	187	101.1	94.0	94.8	79.8	2201	449	176	112	0	2938	0	33	5071	0	0	51	8093
LOUISIANA	BATON ROUG	456	209.6	0.0	0.0	0.0	1419	355	191	95	26	2086	177	230	11842	0	633	169	15137
MISSISSIPPI	STATE COLI	258	147.9	37.8	127.3	238.2	1926	448	234	130	0	2738	357	400	6787	1642	289	883	13095
NORTH CAROLINA	RALEIGH	522	203.5	406.6	382.2	229.2	2991	636	278	60	66	4032	362	1560	14556	626	1403	1206	23745
OKLAHOMA	STILLWATER	237	99.6	4.7	0.0	0.0	1361	318	138	102	23	1942	123	543	6245	91	209	0	9154
PUEERTO RICO	RIO PIEDRA	107	103.4	35.3	42.9	495.2	2089	410	3	0	34	2533	32	68	4463	70	1	30	7902
SOUTH CAROLINA	CLEMSON	290	97.8	60.1	119.7	142.3	1595	366	0	175	29	2165	0	0	6909	0	0	0	9074
TENNESSEE	KNOXVILLE	223	101.0	58.2	25.1	158.5	2190	458	188	0	39	2875	0	19	3872	1581	159	450	8956
TEXAS	COLLEGE ST	514	272.6	96.0	338.7	229.0	2572	643	100	71	38	3423	936	1103	14835	1525	2627	1213	25662
VIRGINIA	BLACKSBURG	229	162.3	52.5	384.8	105.6	1890	416	235	78	34	2653	342	1409	6711	4	945	1236	13300
VIRGIN ISLANDS	ST. THOMAS	8	4.5	0.0	4.0	7.0	114	40	2	0	0	156	0	0	37	0	0	0	193
SUBTOTAL - SAES		4438	2311.9	1197.7	2350.5	2745.3	26907	6425	2575	132	1352	37580	3471	7245	126971	9836	9207	7366	201674
ALA TUSKEGEE	TUSKEGEE - ALA	56	9.6	2.0	8.3	18.3	0	0	3	611	0	611	0	0	0	0	0	0	611
ALA A&M	NORMAL - ALA	19	8.6	0.0	8.0	5.8	0	0	3	346	0	846	0	0	0	0	0	0	846
ARK A & M	PINE BLUFF	26	8.3	3.0	5.0	3.5	0	0	3	628	0	628	0	0	0	0	0	0	628
FLORIDA A&M	TALLAHASSEE	13	13.5	0.0	0.0	0.0	0	0	3	492	0	492	0	0	0	0	0	0	492
FT. VALLEY COL	FORT VALLE	28	16.4	0.6	11.3	14.3	0	0	3	1017	0	1017	0	0	0	0	0	0	1017
KY STATE COLL	FRANKFORT - KY	31	10.6	0.0	15.7	6.0	0	0	3	732	0	732	0	0	0	0	0	0	732
SOUTHERN UNIV	BATON ROUG - LAB	25	7.4	0.7	10.4	9.2	0	0	3	805	0	805	0	0	0	0	0	0	805
ALCORN A&M	LORMAN	17	5.1	0.0	5.8	17.3	0	0	0	364	0	364	0	0	0	0	0	0	364
AG TECH NC	GREENSBORO	28	8.4	7.2	13.0	7.0	0	0	3	929	0	929	0	0	0	0	0	0	929
LANGSTON UNIV	LANGSTON	18	11.6	14.0	21.1	2.5	0	0	3	497	0	497	0	0	0	0	0	0	497
SC STATE COLL	ORANGEBURG - SC	18	7.8	1.7	4.7	2.9	0	0	3	275	0	275	0	0	0	0	0	0	275
TENN A&M IND	NASHVILLE - TEN	29	6.9	0.0	0.0	35.9	0	0	0	753	0	753	0	0	0	0	0	0	753
PRAIRIE VW A&M	PRAIRIE VI	25	3.8	4.2	0.7	1.5	0	0	3	926	0	926	0	0	0	0	0	0	926
VA STATE COLL	PETERSBURG	11	11.7	1.5	5.3	7.0	0	0	3	593	0	593	0	0	0	0	0	0	593
SUBTOTAL - OCI		344	129.7	34.9	109.3	133.7	0	0	0	9468	0	9468	0	0	0	0	0	0	9468
FORESTRY SCH	BUSTON - LAB	6	3.6	0.0	0.0	0.0	0	0	65	0	0	65	0	0	108	0	0	0	173
FORESTRY SCH	CLEMSON - SC	49	12.0	9.0	10.5	6.6	0	0	215	0	0	215	25	36	349	101	0	52	778
FORESTRY SCH	NACOGDOCHE - TEX	25	6.7	2.4	5.0	1.4	0	0	115	0	0	115	1	212	198	0	0	30	557
SUBTOTAL - FRSTY SCH		80	22.3	11.4	15.5	8.0	0	0	395	0	0	395	26	248	655	101	0	82	1508
TOTAL		4862	2463.9	1244.0	2475.3	2887.0	26907	6425	2970	10790	353	47445	3499	7491	127625	9937	9207	7448	212652

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
				PROF	TECH	OTHER													
ALASKA	FAIRBANKS	21	10.3	2.3	15.4	5.3	494	76	0	0	0	570	0	0	1057	0	0	0	1626
ILLINOIS	URBANA	306	163.7	217.3	73.4	156.8	2313	534	78	122	45	3091	53	1022	5349	1439	810	336	12100
INDIANA	LAFAYETTE	335	176.5	47.9	120.6	194.0	2085	486	141	109	0	2821	338	2717	5662	2695	1312	420	15965
IOWA	AMES	317	116.6	197.5	51.6	168.0	2157	694	90	202	113	3256	645	1127	6344	1410	3006	0	15789
KANSAS	MANHATTAN	565	185.6	226.3	159.4	81.9	1382	408	59	66	27	1941	119	950	7746	2712	1233	0	14701
MICHIGAN	LANSING	433	168.3	151.2	189.9	92.6	2153	472	92	223	0	2940	839	1476	8221	938	1399	415	16229
MINNESOTA	ST PAUL	309	168.0	124.7	141.4	134.8	2049	471	153	62	102	2876	244	1017	13725	0	190	580	18631
MISSOURI	COLUMBIA	180	116.7	202.5	95.1	197.0	2037	427	194	165	0	2823	510	798	5499	1317	584	0	11530
NORTH DAKOTA	FARGO	266	115.7	71.3	111.0	41.9	964	327	39	43	18	1391	234	326	5667	323	443	349	8732
NEBRASKA	LINCOLN	223	144.2	152.5	280.6	265.0	1263	483	67	162	28	2303	1194	724	7142	6783	545	275	18666
OHIO	WOOSTER	335	117.8	51.9	209.8	0.0	2544	500	162	126	62	3394	238	308	10183	0	0	1440	15563
SOUTH DAKOTA	BROOKINGS	175	81.8	56.2	0.8	53.9	977	336	56	90	0	1458	24	226	3603	0	781	427	6520
WISCONSIN	MADISON	497	161.2	438.5	90.9	87.1	2059	562	213	88	28	2949	135	4533	8435	10	1111	222	17366
SUBTOTAL - SAES		3562	1726.4	1940.1	1539.9	1478.3	322477	57761	1364	1458	423	31513	4573	15224	88603	17627	11414	4464	173418
LINCOLN UNIV	JEFFERSON	20	17.3	20.1	15.1	13.4	0	0	0	502	0	502	0	0	0	0	0	0	502
SUBTOTAL - OCI		20	17.3	20.1	15.1	13.4	0	0	0	502	0	502	0	0	0	0	0	0	502
FORESTRY SCH	FAIRBANKS	5	1.0	0.1	0.0	6.1	0	0	136	0	0	136	0	0	0	0	0	0	136
FORESTRY SCH	CARBONDALE	30	4.3	0.0	0.0	11.6	0	0	74	38	0	112	18	0	243	0	1	0	373
FORESTRY SCH	ANN ARBOR	47	5.3	13.9	0.0	0.0	0	0	95	18	0	113	0	0	183	0	2	16	314
FORESTRY SCH	HOUGHTON	33	13.9	2.7	10.4	5.2	0	0	58	0	0	58	0	0	496	0	251	55	860
SUBTOTAL - FRSTY SCH		115	24.5	16.7	10.4	22.9	0	0	363	56	0	419	18	0	922	0	254	71	1683
TOTAL		4097	1768.2	1976.9	1565.4	1514.6	22478	5774	1743	2015	422	32432	4592	15224	89523	17628	11667	4535	175602

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	RRF	MCIN STEN	SP GT	OTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
				PROF	TECH	OTHER													
ARIZONA	TUCSON	245	124.5	68.5	66.4	40.6	667	407	59	63	0	1196	289	304	6303	352	236	260	8942
CALIFORNIA	BERKELEY	1077	548.4	919.3	296.7	539.5	1931	856	251	226	42	3306	1293	7687	38628	344	3906	244	55407
COLORADO	FT COLLINS	157	160.4	139.1	255.3	115.8	872	512	0	73	14	1472	0	9618	4035	2674	403	665	18867
GUAM	AGANA	9	1.8	0.0	0.0	0.0	415	65	0	0	0	480	0	0	0	0	0	0	480
HAWAII	HONOLULU	203	95.1	19.5	12.5	139.0	545	207	66	43	0	861	421	244	4851	17	181	255	6830
IDaho	MOSCOW	148	76.4	58.3	74.8	49.7	827	317	0	178	26	1347	119	207	3824	496	401	105	6499
MONTANA	BOZEMAN	170	65.3	83.5	51.3	157.9	768	359	0	29	14	1170	187	1003	3252	1140	337	357	7446
NEVADA	RENO	86	34.7	32.7	22.0	19.2	486	197	33	18	6	740	86	15	1620	96	139	209	2905
NEW MEXICO	UNIV PARK	133	80.9	40.4	9.5	63.8	693	218	100	66	0	1075	0	30	2130	94	33	286	3648
OREGON	CORVALLIS	330	134.4	91.2	141.1	99.7	1003	520	0	153	24	1700	65	1162	6711	1514	915	961	13028
UTAH	LOGAN	143	61.4	37.8	36.3	17.9	613	380	77	41	9	1120	152	460	2673	197	198	268	5067
WASHINGTON	PULLMAN	332	127.4	90.8	185.1	242.9	1145	728	135	133	24	2165	168	1134	7369	995	551	1456	13839
WYOMING	LARAMIE	94	47.1	13.7	23.0	14.3	568	295	77	50	13	1002	21	156	1448	8	0	276	2890
SUBTOTAL - SAES		3127	1557.8	1594.8	1174.0	1500.3	310533	5061	798	1073	172	17634	2801	22020	82824	7927	7300	5342	145848
* COLORADO	BOULDER	1	0.1	1.2	0.1	0.1	0	0	0	11	0	11	0	170	0	0	0	36	217
* UTAH	PROVO	1	0.2	0.0	1.6	0.1	0	0	0	0	0	0	0	24	0	0	0	0	24
SUBTOTAL - OCI		2	0.3	1.2	1.7	0.2	0	0	0	11	0	11	0	194	0	0	0	36	241
FORESTRY SCH	FLAGSTAFF	10	3.2	5.8	0.0	1.0	0	0	44	0	0	44	0	0	66	0	0	0	110
FORESTRY SCH	ARCATA	8	0.6	0.1	0.7	0.0	0	0	25	0	0	25	0	0	32	0	2	0	59
FORESTRY SCH	FT COLLINS	20	3.7	8.6	0.1	6.8	0	0	152	0	0	152	2	127	26	0	39	0	347
FORESTRY SCH	MOSCOW	96	25.6	42.3	18.9	0.5	0	0	153	0	0	193	304	624	983	148	28	99	2379
FORESTRY SCH	MISSOULA	16	4.5	10.7	6.6	0.6	0	0	163	0	0	163	0	0	284	52	38	132	668
FORESTRY SCH	CORVALLIS	111	42.1	44.1	25.0	18.4	0	0	289	0	0	289	129	721	1589	81	209	94	3113
FORESTRY SCH	SEATTLE	29	45.5	23.5	15.5	13.3	0	0	162	0	0	162	219	1840	1526	0	158	656	4561
SUBTOTAL - FRSTY SCH		290	125.2	135.1	66.8	40.6	0	0	10108	0	0	1028	654	3312	4506	281	474	981	11237
TOTAL		3419	1683.3	1731.1	1242.5	1541.1	10533	5059	1827	1085	171	18674	3456	25526	67331	8208	7772	6358	157326

* OCI